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DX NEWS

the magazine of the National Radio Club

SINCE 1933

Volume 46, Number 23 Monday, April 16, 1979.

STATIC FROM HQ

Hi--I'm back--well, anyway, was in Nashville and missed the last pub session but Wayne Murphy there says hello to all. To business...the Musings of Dick and Gary in past issues and the Musings of Russ, John and Guy in this say better than I ever could the general poetry opinion here. We will note that this is the last issue this topic will be discussed in, and we want to thank one and all for the comments...The next issue of DX News will come out Derby Weekend, and for those to who this is NOT a holiday, that's the first weekend in May! That's 3 weeks from today, so dust out the mailbox and look for us then. We do have a note from Ralph Sanserino, 8422 Crane Circle, Huntington Beach, Calif. 92646, who says he has copies of Chris Martin's excellent Pacific Log. Copies are $7.25 postage included from him. Lastly (Pat has a heater in my back!) Steve Miller of Boston where in the name of heaven did you get the idea that IRCA and NRC were changing pub. committees? We may wish it were so here and in San Francsico, but there just have been no takers--hurry and get that new typewriter--PLEASE!! Wolf.

CPC TESTS

One last test? We hope not, so take a hint and try for a few more before the static gets bad, please!

April 30 Monday — KHYT-1330 Tucson, Arizona. The date is tentative so if this does not show, try the next week?! Test will be 500 w. non-directional and will use tones and frequent IDs. Reports to: Barry Mishkind, Chief Engineer, KHYT, 2307 E. Broadway, Tucson, 85719. Arr: Steve Francis. The time, by the way, is 0300-0330 EDT!

THEY JOINED

Welcome to these folks--Muse soon and contribute to NRC--Tiz YOUR club!

Eddie Segal, 2 Magpie Crescent, Willowdale, Ontario M2C 2E5 Canada.
Sidney E. Marshall, 7224 Pam Drive, Millington, Tenn. 38053.
Robert E. Ladouceur, 1696 Liberty NE #2, Salem, Ore. 97303.
Clifford G. Berthelsen, 1327 Virginia St., Merced, Calif. 95340.
John R. Bolduc, 10 Herrick St., Nashua, N.H. 03060.
Charles E. Eldred, 819 W. Anapamu St., Santa Barbara, Calif. 93101.

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Late tip from Bill Coleman...WGTO-540 Cypress Gardens, Fla. is now 24 hrs. daily 6 days with 1 Kw nite (50 Kw days) directional south. Can be hrd w/ fair signals fadey between WGTO and WDAK. Format is C/W nite anncr. is Rick Roberts. WGTO will s/off MMs from midnight-5:30 a.m. Bill says he called and they were thrilled to hear DX listener and sent him a t-shirt for the report (Frank Merrill, are you listening!?) 3/30 was 1st AN bdcst.

AM SWITCH

JOHN D. BOWKER
14 CANOE BROOK DRIVE
PRINCETON JCT., NJ 08550

Once again we have a pretty heavy load of FCC actions to report. Of course, what with DX NEWS being on a more relaxed schedule, I imagine this column will easily have as much to report each time it appears -- particularly if I miss a deadline and an extra week or two is thrown in!

I've enjoyed reading the comments from a number of NRCers this past month -- ERNIE COOPER points out that my listing 4 months ago of WOCB changing its call to WSOX was in error and that it remains WOCB...turns out their FM affiliate changed to WSOX! JERRY ROBERTSON and BOB LAZAR contributed some intelligence too -- Bob points out that WPAD is operating on 1560 kHz, and related a great story about KCJJ -- seems they are silent between local sunset in Iowa City, IA and local sunset in Bakersfield due to a cockamamie agreement with WQXR. Get out your atlas and figure that one out! Jerry reports that CHML is now on with 50,000 watts and, Jerry, I can attest to a greatly improved signal in central New Jersey from Hamilton. Thanks to you all and others who favored me...now on to business:

STATION ADDITIONS OR CHANGES NOW IN EFFECT:

Changes in Call Signs of existing stations:

930 - WHAN - Haines City, FL is now WFXI
1130 - WCAR - Detroit, Mich is now WCXI
1150 - KKUZ - Burlington, IA is now KCPS
1190 - KPAR - Albuquerque, NM is now KKJY
1230 - WNOK - Columbia, SC is now WXAP
1240 - KPLY - Crescent City, CA is now KCRE
1240 - KHHA - Carlbad, NM is now KAMQ
1260 - WFTW - Ft. Walton Bch, FL now WDIS
1260 - WAIL - Baton Rouge, LA is now WTKL
1420 - KOOO - Omaha, Neb. is now KESY
1430 - WQVQ - Highland Pk/Deerfield, Illinois is now WEEF
1450 - WPAD - Paducah, KY is now WDXR
1560 - WDXR - Paducah, KY is now WPAD

Note: No new stations signed on the air during this reporting period.

STATIONS AUTHORIZED TO CHANGE FACILITIES (May take awhile to install equipment):

710 - WEPA - Europa, Miss stays daytimer but increases to 2500 w. (DA).
1000 - KMLO - Vista, CA will go from 1000 w. days to 5000/1000 (DA-2).
1000 - WSPF - Hickory, NC remains daytimer but goes to 5000/1000CH w. (non-D).
1050 - WBUT - Butler, PA remains daytimer but goes to 500 w. (non-D).
1220 - KASY - Auburn, WA remains daytimer but goes to 2500 w. (DA).
1250 - KCFI - Cedar Falls, IA will go full time with 500/500 w. (non-D!).
1250 - WFAG - Farmville, NC will go full time with 5000/2500 w. (DA-2).
1280 - KFYV - Arroyo Grande, CA will go to 5000/2500 w. (DA-2).
1440 - WNPV - Lansdale, PA will go fulltime with 500 w. (DA-2).
1470 - WSRO - Marlboro, MA will go fulltime with 1000/500 w. (DA-2).
1500 - KBGG - Merkel, TX stays daytimer but goes to 1000 w. (non-D).
1510 - KAGC - Bryan, TX stays daytimer but goes to 500 w. (non-D).
1560 - WSMD - LaPlata, MD stays daytimer but goes from 1000 w. to 25,000 w. (DA)!
1580 - WYYZ - Jasper, GA will move to 1490 kHz with 1000/250 w.
1600 - WLUZ - Bayamon, P.R. will change its directional antenna from DA-1 to DA-2.

STATIONS REQUESTING A CHANGE IN CALL SIGN (May be in effect by publication date):

790 - KHUM - Eureka, CA wants KEKA
960 - KWYK - Farmington, NM wants KNDN
1000 - WRYZ - Jupiter, FL wants WVSI
1110 - WHYT - Noblesville, IN wants WFBM
1280 - KFYV - Arroyo Grande, CA wants KKAL
1300 - KMFB - Medocino, CA wants KPMO
1330 - WEAW - Evanston, IL wants WTRT
1330 - WHET - Waltham, MA wants WDLW
1350 - WHNE - Portsmouth, VA wants WNIS
1400 - WHDF - Houghton, Mich wants WCCY
1540 - WJGA - McDonough, GA wants WZAL
1560 - KQXV - Council Bluffs, IA...KLNG
1590 - WLTD - Evanston, IL wants WONX
1590 - KINT - El Paso, TX wants KKOL

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS (Watch for on-the-air dates):

910 - New - Volga, SD -- 1000/500 w. (non-D)
1090 - New - Umatilla, OR -- 2500 w. (non-D) daytimer
1130 - New - Carrville, Ala -- 1000 w. (non-D) datimer
1440 - New - Martin, KY -- 2500 w. (DA) daytimer
1470 - New - Coalinga, CA -- 500 w. (non-D) daytimer
1500 - New - Dallas, GA -- 1000 w. (DA) daytimer
1510 - New - Troy, Ohio -- 250 w. (DA) daytimer
1520 - New - Amory, Miss -- 500 w. (non-D) daytimer (500 w. CH too)
1530 - New - England, Ark -- 250 w. (non-D) daytimer
1600 - New - Jersey Shore, PA -- 1000 w. (non-D) daytimer

CALL LETTERS ASSIGNED TO NEW STATIONS (but stations not yet on the air):

810 - WDDW - Johnson City, IL
910 - WTXN - Lafayette, Ala.
1250 - KBBI - Homer, Alaska
1400 - KJJR - Whitefish, Mont.

FCC HAS ACCEPTED THE FOLLOWING APPLICATIONS FOR NEW STATIONS (but takes months to approve):

790 - New - Ashland City, TN*
1060 - New - Flemingsburg, KY
1130 - New - Hilton Head Is., SC
1140 - New - China Grove, NC
1170 - New - Hazard, KY
1190 - New - Ashland City, TN*
1190 - New - Springfield, TN
1290 - New - Opp, Alabama
1300 - New - Freeland, PA
1350 - New - Aberdeen, NC
1420 - New - Yucca Valley, CA
1470 - New - Glenwood, Ark.
1530 - New - Plover, WI
1550 - New - Clarksville, TN
1580 - New - Camp Lejeune, NC

* Is there something about Ashland City we should know about??

APPLICATIONS RECEIVED BY THE FCC BUT NOT YET "ACCEPTED":

Existing stations wishing to change facilities:

570 - WPLP - Pinellas Park, FL wants to go from 500/500 w. to 1000/1000 w. (DA-2).
1190 - KADE - Boulder, Colo. wants to go from 1000 w. days to 5000 w. days (non-D).
1270 - WFUL - Fulton, KY wants to identify as "Fulton, KY-South Fulton, TN".
1360 - KRUX - Glendale, AZ wants to increase night power from 500 w. to 1000 w.(DA).
1360 - WZNG - Cypress Gardens, FL wants to identify as "Winter Haven, FL".
1510 - KIRV - Fresno, CA wants to stay daytimer but increase to 10,000 w. (DA).
1520 - WYFC - Ypsilanti, Mich. wants to go fulltime with 1000/250 w. (DA-2).

These stations aren't on the air yet but want to change their construction permit:

1140 - WKCM - Hawesville, KY (Okay LPC?) wants daytime power increased to 2500 w.
1360 - WZNG - Winter Haven, FL (or is it Cypress Gardens?...see above) wants to go fulltime with 5000/2500 w. (DA-2).
1600 - WLLS - Hartford, KY wants to increase to 1000 w. but remain daytimer.

Applications for some new stations:

840 - New - Sand Point, Alaska wants 5000/2500 w. (non-D).
1120 - New - Hatillo, P.R. wants 1000/250 w. (non-D).
1240 - New - Coeur D'Alene, ID wants 1000/250 w. (non-D).
1390 - New - Dahlonega, GA wants a 1000 w. (DA) daytimer.
1450 - New - Dadeville, Ala. wants a fulltimer with 250 w. day and night.

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A couple of sidelights on what's new at the FCC...I see that the new station that's being built in Vienna, GA has requested the call sign WWWN -- just another in the series, I guess. You may be aware that one of the two new U.S. Senate bills just introduced in mid-March would protect the clear channel stations! There were also provisions calling for a.m. station licenses to remain in effect until the station did a major no-no -- and another provision that stations would be allowed to renew their licenses if they did come up for renewal without going through some of the nonsense of worrying about competing applications which is now out of hand I feel. I learned this week (March 16th) that the FCC is ready to start processing over 50 applications for a.m. stations and station changes -- AM SWITCH will live at least another month! (LPC take note.)

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THE CANADIAN CRTC HAS ANNOUNCED THE FOLLOWING CHANGES:

540 - CBGA-1 - is the new call sign at New Carlisle, QU using 10,000 w. (DA-2) and is due to start operating November 24, 1979.
560 - CHCM - is now operating with 10,000/5000 w.
690 - CBKF-1 - is the new call sign at Gravelbourg, Sask.
790 - CFAN - is now operating with 5000/1000 w.
860 - CBKF-2 - is the new call sign for the old CFNS (see 1170 below).
1150 - CKX - is now at 50,000/10,000 w. (DA-2) in Brandon, Manitoba.
1170 - CFNS - is now deleted from this frequency; moved to 860 kHz.
1260 - New - will start November 24, 1979 with 10,000 w. at Richmond, BC.
1400 - New - Delete this assignment from Fredricton, NB.

John

DOMESTIC DX DIGEST

RAY ARRUDA
47 BURT STREET
ACUSHNET, MASS. 02743
(617) 998-3958

Future deadlines here are for May 5, 26, June 30 & July 28. Some good DX follows:

WGMS 570 AM 103.5 FM
ONE CENTRAL PLAZA
11300 ROCKVILLE PIKE
ROCKVILLE, MARYLAND 20852

DX TESTS

WKNX - Heard by JDB, NLM, TJC, ERS, RA.
KUKU - Heard by JDB.
KRDZ - Heard by NLM.
WCHE - Heard by JDB.

FREQUENCY CHECKS

1st Mon.	WCNC-1240	w/TT (DS)(ERS)(RA)
1st Tue.	WPCE-1400	Not heard by TJC, heard w/TT by JDB.
	WVAM-1430	w/TT & VIDs by TJC, JDB.
	WAYC-1600	w/TT per list by TJC, JDB.
	KDMO-1490	Not heard by TJC.
1st Wed.	WICH-1310	Not heard by TJC.
1st Fri.	KFVS-960	w/TT (DS-DE)
	WRTA-1240	w/TT (DS)
	WHBG-1360	w/TT (DS)
	WWBZ-1360	w/TT (DS)
	WBTX-1470	w/TT (DS)
	WQCK-1600	w/DT (DS)
1st Sat.	WRVK-1460	w/TT & VID 0314. (JDB-OH)
	WIRV-1550	w/mx, announced ET 0259-0303. (JDB)
2nd Wed.	WIDG-940	w/TT VIDs. (TJC-WI)(JDB-OH)
2nd Sat.	WNYR-680	Not heard by TJC.
	KVSH-940	Not heard by TJC.
	KNLV-1060	Ditto. TJC
	KDGO-1240	Also not heard by TJC.
	KJEF-1290	Heard by JDB & TJC w/TT only 0133, tentative by DS 0131-0145.
	KAHL-1410	w/TT (JDB-OH)
3rd Mon.	WSLV-1110	w/Dixie mx, IDs 0102, 0105, 0107. (TJC)
	WBTS-1480	w/mx, VID per list 0254. (JDB)
	WORV-1580	w/organ mx, VID per list 0219. (JDB-OH)
3rd Thu.	CBJ -1580	0535 w/sweep tones, FF anncmts, is this r/c? (JDB) Just a regular ET I would think, John. (RA)
4th Mon.	WAMS-1380	Assumed the one here w/brief TT 0253, did not hear any TT before 0245. (BL-CT)
	WJDY-1470	w/TT. (BL-CT)
	WCBG-1590	w/TT. (BL-CT)
CHANGE:	WFHG-980	Goes to 2nd MM 0215-0230 w/Mx. (DS-DE)

WKNX
5200 State St., Saginaw, Michigan 48603

SPECIAL

Firstly, this information sent to us from Mike Hardester.....

Just a note regarding the "YWA-525" log by David Yocis as noted in the 3/12 DXN (page 2). I have a listing for a YWA on 516 located at Petawawa, Ontario, though my sources on the frequency is an early 1978 list. A current FAA log still lists YWA in Petawawa, but I have no current frequency. Hope this info will be of some help. (MH-WA)

1110	KHAC	AZ	WINDOW ROCK - 3/8, 3/9 1830-1932, Soap opera, nx, & religious mx by children, KFAB QRM. (NLM-NM)
1190	KKJY	NM	ALBUQUERQUE - Announces as K-JOY, correcting #19, 5 March DX News. (NLM-NM) Another one of my typos, I'm sure, sorry Norm. (RA)
1330	WDLW	MA	WALTHAM - EX-WHET, to change to WDLW as of 5/1 per v/l. (RA-MA)

1390 WEAM VA ARLINGTON - 3/26 0100 noted off, normally NSP, leaving unn. WFBL. (WPT-DC)
1430 WVAM PA ALTOONA - 3/4 1805 noted ending wx, then into C&W mx, so a format switch on this one (the T40 went on FM). (DS-DE)
1520 KAMX NM ALBUQUERQUE - Back on the air, daytime sked. Format now rr in EE, 3/18. There goes my open SRS & SSS frequencies. (NLM-NM)
1610 KYB824 CHICAGO AREA - IL Dept. Of Transportation testing continuous. First heard 3/17 2015 w/strong signal, but weak audio. Will give detour info to drivers on Edens Expressway (I-94) during construction. (MAS-IL)

SUNSET TO MIDNIGHT

600 WICC CT BRIDGEPORT - 3/17 2354 IDing as CT's first mx station, amazing reception for this time, usually it's Canada or Cuba here. (BC-RI)
680 WCAW WV CHARLESTON - 3/14 1828 fair w/SID, T40 mx. (WPT-DC)
1030 KTWO WY CASPER - 3/7 1940-2002 strong, armchair signal w/nx, outdoor report, ads, IDs, report & tape sent. Unbelievably strong, only 2nd time heard here, no WBZ, KTCA briefly way under. (JC-IL)
1080 WWDR NC MURFREESBORO - 3/4 1721-1725+ noted atop WTIC w/rr, nx, "Rock N' 108" still no WQRO. (DS-DE)
WKBY VA CHATHAM - 3/4 1828 s/off noted w/SSB, weak, still no WQRO...(DS-DE)
WKGX NC LENOIR - 3/4 1816-1830 noted w/many spots for Lenoir Mall & rr, s/off w/Dixie. (DS-DE)
1140 KSOO SD SIOUX FALLS - 3/7 strong 1900-1930 after local WVEL s/off w/ID 1900, then nx, sports, wx & ads. Reported w/no sign of WRVA, only 2nd time heard here. (JC-IL)
1170 CFIX ON CORNWALL - 3/25 1801 xlnt o/WWVA w/NA in FF by male vocalist. (WPT-DC)
1190 WANN MD ANNAPOLIS - 3/8 ending nx, wx 1807 way u/WLIB, mx & ments. of Hoppy Adams Show, then 1813 s/off, signal too weak, but don't think SSB was played @ s/off. (RA-MA)
1240 KMCL ID MCCALL - 3/15 1830-1930 noted as best SSS reception thus far. (NLM-NM)
WSKI VT MONTPELIER - 3/15 1829 PSA, many ments. of Montpelier, ads, IDs, fair signal. (BL-CT)
WWON RI WOONSOCKET - Date? GY #9 w/ID & Mutual Nx, WEZE splatter. Time? (SM-MA) No date & time listed. (RA)
1340 WALL NY MIDDLETOWN - 3/10 2135 ID "13-40 WALL" fair w/MoR/EZL mx.(BL)
WMBO NY AUBURN - 3/14 1813 w/nx, spot for Auburn Savings Bank, poor signal. (BL-CT)
1350 UNID -- ------ - 3/23 1815-1835 FFC o/u WNLK/WHNE w/FF mx. (BC-RI) Could have been CHAL, Bruce. (RA)
1400 WLLH MA LOWELL-LAWRENCE - 3/19 1839 popped in o/WALE & GY mess w/YL DJ, ID as "14 L-L-H." (BC-RI)
WABY NY ALBANY - 3/19 1954 new & atop briefly w/YL DJ & promo. (BC)
WEST PA EASTON - 3/15 1813 poor w/wx, ID, MoR mx. (BL-CT)
WRDO ME AUGUSTA - 3/15 1819 T40 mx, JX ID, fading in & out. (BL-CT)
1410 WGGM VA CHESTER - 3/25 1810 w/local ad, religious C&W mx, poor u/WPOP. (BL-CT)
WHLN KY HARLAN - 3/16 1831 ID by male DJ, T40 mx, good. (WPT-DC)
1420 WLET GA TOCCOA - 3/16 1839 xlnt w/C&W mx after ID by male DJ. (WPT)
WKCW VA WARRENTON - 3/25 1808 C&W mx, ments. of Warrenton area, local spots, fair/poor signal. (BL-CT)
WBEC MA PITTSFIELD - 3/17 1809-1811 new w/local nx & sports rpt heard o/WBSM's Nx. (BC-RI)
1430 WTTT MA AMHERST - 3/17 1800 s/off w/ments. of 5KW directional pattern covering Pioneer Valley, new. (BC-RI)
WNAV MD ANNAPOLIS - 3/17 1814 w/wx for Annapolis & Baltimore, new, but signal here briefly, then lost. (BC-RI)
WVAM PA ALTOONA - 3/14 1810 IDs, request line 944-WVAM, xlnt w/T40 mx. (BL-CT)
1440 WCDL PA CARBONDALE - 3/14 1807 w/promos, ments. of Lackawanna County, IDs, T40 mx, fair o/WFTQ. (BL-CT)
1450 WILM DE WILMINGTON - 3/14 1816 w/ID & sports, fair o/WOL. (BL-CT)

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Durham, N. C. 27707

YOUR STATION 24 HOURS A DAY
WHAT
DIAL 1340
PHILADELPHIA

1520	WARR	NC	WARRENTON - 3/20 1800 SID by black male DJ, Soul mx, good o/WKBW. (WPT-DC) 3/7 Just did catch s/off anncmt @ 1815, no NA, no WKBW either. (RA-MA)
	WTGR	SC	MYRTLE BEACH - 3/7 very loud after WARR s/off 1823-1830 s/off w/PSA's, mx, area ments. & female DJ. (RA-MA)
1540	WJGA	GA	JACKSON - 3/23 1848 fair w/s/off by OM w/ments. of 1000W, no SSB. (WPT-DC)
1550	WTHB	GA	AUGUSTA - 3/20 good @ 1830 s/off by black DJ, no SSB. (WPT)
	WVAB	VA	VIRGINIA BEACH - 3/27 1800 ID came thru followed by T40 mx, u/CBE/WBSC/WXVA, new. (BC-RI)
	UNID	--	------- - 3/27 1815-1830 religion w/preacher & GOS mx, lost u/WPTR splatter by 1830. (BC-RI) Could be a # of stations on this frequency, WYNA, WYNX, WMOO all carry religion. (RA-MA)
1560	WQXR	NY	NEW YORK - 3/12 2016 in good w/talk. (SM-MA)
1580	KWNT	IA	DAVENPORT - 2/26 heard during eclipse w/C&W mx, ID @ 1130, fair, finally bagged this one. (JC-IL)
	KNIX	AZ	TEMPE - 3/9 2030 s/off noted. (NLM-NM)

EARLY MORNING AT THE RANCH

540	WYLO	WI	JACKSON - 2/26 religion, ID @ 0100, weak u/KWMT who usually dominates 540 here. (JC-IL)
560	UNID	--	------- - 3/19 0452 TT u/WJLS, no audio heard. (JDB-OH)
570	WGMS	DC	WASHINGTON - 3/19 0100 ET/ID/varying TT 0053-0118, noted by...(WPT-DC) (ERS-NJ) (RA-MA).
620	WRJZ	TN	KNOXVILLE - 3/17 0535 T40 mx, IDs/promos/phone calls, also noted w/T40 3/26 mixing w/WLBZ. (BL-CT)
	UNID	--	--------- - 3/26 0123 someone w/weak tones heard in WVNJ TT pauses & WLBZ QRM, anyone know who? (BL-CT)
850	WEAT	FL	WEST PALM BEACH - 3/26 0405 ending local nx & wx, temp. & VID followed by C&W mx, fair, newie. (BC-RI)
860	WYJZ	PA	PITTSBURGH - 3/19 0232-0255 loud at times on ET/OC/mx, ID @ 0253. (RA-MA) Noted same times. (ERS-NJ)
	KOAM	KS	PITTSBURG - 3/15 w/female anncr, ad for Pittsburg restaurant. (JDB-OH)
890	WLS	IL	CHICAGO - 3/26 MM 0530 s/on w/short intro going right into mx. (BC-RI) (JDB-OH)
930	WKY	OK	OKLAHOMA CITY - 3/13 0530 strong in WEOL null, many IDs.
	CKNS	ON	ESPANOLA - 3/19 0500 ID, then into CBC Nx. (JDB-OH)
940	WMIX	IL	MOUNT VERNON - 3/17 0330 ID on ½ hr then back to Larry King Show. (JDB-OH)
950	WPEN	PA	PHILADELPHIA - was noted off SM 3/4 & MM 3/12. (DS-DE)
980	WFHG	VA	BRISTOL - 3/5 0117 noted on another loud ET w/rr. (DS-DE)
990	WHOO	FL	ORLANDO - Xlnt 3/19 0045 "This is WHOO Orlando, Florida on the air for maint. purposes only, WHOO Orlando, FL." By CE. (WPT-DC)
1030	KCTA	TX	CORPUS CHRISTI - 3/19 0155 on ET/ID/mx, then gone. (JDB-OH)
1050	WHN	NY	NEW YORK - 3/5 noted on OC leaving CHUM only. (DS-DE)
	CFYN	ON	SAULT STE. MARIE - 3/19 0204 good in CHUM null w/POL mx.(JDB)
1070	WIBC	IN	INDIANAPOLIS - 3/26 0421 w/T40 mx, contest promo o/u CBA, looped west on SM2. (BC-RI)
	CBA	NB	MONCTON - 3/26 0430-0500 continuous C&W mx, no IDs until 0500, atop looped to NE. (BC-RI)
	CHOK	ON	SARNIA - 3/26 0500 xlnt w/s/on o/CBA w/O Canada. (BC-RI)
1080	WTIC	CT	HARTFORD - noted off MM 3/12 0009 & Tues. AM 3/20 0021 in passing. (RA-MA)
	KRLD	TX	DALLAS - 3/7 0140 atop WTIC w/C&W & MoR mx, very rare that they're this loud here. (DS-DE)

1090	CKKW	ON	KITCHENER - 3/26 0425 Pop mx w/AM-FM IDs o/WBAL. (BC-RI)
1140	UNID	--	------ - TT 0200-0220, ID @ 0200 but only "....testing equipment noted." Spanish u/this, also someone w/Rock & Disco, but no IDs. Anyone know if WRVA or KMJJ were testing then? (JC-IL)
1220	CKSM	PQ	SHAWINIGAN FALLS - 3/19 0050-0110 both doing very well
	CHSC	ON	ST. CATHERINES - w/WGAR off the air. (JDB-OH)
1230	WKBO	PA	HARRISBURG - 3/26 0313 faded in w/T40 mx & ID. (BL-CT)
1240	WWWD	NY	SCHENECTADY - 3/26 0118 T40 mx, jx ID, very good signal, long time no hear. (BL-CT)
	UNID	--	-------- - 3/26 0223 someone fooling around w/tones & continuous sweep tones, who? (BL-CT)
1260	WNDE	IN	INDIANAPOLIS - 3/16 0053 noted ending Ac Nx, then way atop w/rr. (DS-DE)
	CFRN	AB	EDMONTON - 3/19 0330 noted dominating frequency. (NLM-NM)
	KGBX	MO	SPRINGFIELD - 3/19 noted in CFRN null depending upon loop direction. (NLM-NM)
1310	UNID	--	-------- - 3/19 0244 someone w/Pop mx taking requests, phone # 521-8861, WWKR in sked SP. (JDB-OH)
1340	CJAN	PQ	ASBESTOS - 3/26 0248 FF MoR mx: NRC log lists this as the only NSPer & could detect a little of the same mx on CFDA, as they simulcast. (BL-CT)
1370	WFEA	NH	MANCHESTER - 3/12 0147 All Nx after midnight w/some portions maybe pre-recorded. (BL-CT)
	WSPD	OH	TOLEDO - 3/12 0147 heard C&W mx, ID u/WFEA, poor. (BL-CT)
1400	WDOT	VT	BURLINGTON - 3/26 0030 local spot, fair w/ID, T40 mx. (BL)
1410	WLAQ	GA	ROME - 3/17 noted u/WPOP w/C&W mx, rare. (DS-DE)
1430	CKFH	ON	TORONTO - 3/26 0354-0400 sounded like automated C&W mx w/ID 0400 "CKFH - great mx & much more." Xlnt. (BC-RI)
1440	CFGO	ON	OTTAWA - 3/19 0322 strong w/Rock & IDs o/UNID TTer. (JDB-OH)
1450	CFJR	ON	BROCKVILLE - 3/26 0200 ID, Nx, very good signal for just a moment, 1st TRUE Canadian GYer. (BL-CT)
	WENZ	VA	HIGHLAND SPRINGS - 3/5 0058-0108 noted atop w/ID then Soul mx. (DS-DE)
	WILM	DE	WILMINGTON - 3/12 0100-0400 PoP conducted w/TT & IDs, I know...I helped on this one-hi! (DS-DE)
1470	WRGA	GA	ROME - per v/l they're AN-6, off MM 0000-0530. (DS-DE)
	WEAG	TN	ALCOA - 3/7 0039-0055 u/WSAN w/ET/TT/mx, ID @ 0053 "For adjusting purposes," (DS-DE)
	CKO	PQ	POINTE CLAIRE - 3/12 0031 xlnt w/local & national nx. (SM-MA)
1480	WISM	WI	MADISON - 3/19 0301 caught ID as "The New Wizem." (JDB-OH)
1490	WOLF	NY	SYRACUSE - 3/26 0300-0303 end of "Powerline" pgm, jx ID, xlnt w/PSAs, T40 mx. (BL-CT)
1500	KSTP	MN	ST. PAUL - 3/19 0223 broadcasting their "Open Forum" talk program. (JDB)
1520	WKBW	NY	BUFFALO - noted off MMs 3/5 & 3/12. (DS-DE) 3/19 noted off & ETing w/OC/TT/SIDs. (WPT-DC) (JDB-OH) 3/26 noted off 0102 but back on again @ 0203 check. (BL-CT)
1530	KFBK	CA	SACRAMENTO - 3/19 0405 ments. of Northern California, poor mixing w/SS station. (JDB-OH)
1540	WPTR	NY	ALBANY - Briefly off MM 3/12 0002 w/OC leaving KXEL, back by 0100. (RA-MA)
1550	UNID	--	------ - 3/12 0023 someone playing Harry James tunes, WBSC?? (SM-MA)
1580	UNID	--	------ - 3/26 very loud TT, noted @ 0035, 0105, & 0206 Who? (BL-CT) Heard here on MMs too Bryan, but this rascal never IDs. Suspect WYFA by signal strength. (RA)
1590	UNID	--	------ - 3/26 0054 CBS Mystery Theatre. Would think WQQW but they signed off @ 0000. Might have signed off @ 0100 as SSB heard then. (BL-CT)
1600	KBOR	TX	BROWNSVILLE - evenings 3/13 & on @ 2100+ (NLM-NM)
	WWRL	NY	NEW YORK - noted 0100 s/off. (BL-CT)
	UNID	--	---- - 3/19 0420 someone w/TT/mx, then gone. (JDB-OH)

THE BIG 13

JDB	John D. Buehler, Toledo, OH	FRG-7, Sanserino Loop
TJC	Tommy J. Cieslewicz, Denmark, WI	FRG-7, Loop
JC	John Clemmer, Peoria, IL	TRF, SM2
BC	Bruce Conti, West Warwick, RI	Heathkit SW-717
MH	Mike Hardester, Seattle, WA	
BL	Bryan Lee, Brooklyn, CT	RF-2200, Loop
NLM	Norm Maguire, Albuquerque, NM	SPR-4, Loops
SM	Steven Miller, Boston, MA	TRF

AM 1330-WHET
473 WINTER STREET
WALTHAM, MASSACHUSETTS 02154

Television and Radio Broadcasting Corp.
QUINCY, MASSACHUSETTS
WJDA Quincy, Mass. WESX Salem, Mass.

BIG 13 (CONT.)

DS	Dave Schmidt, New Castle, DE	HQ-180A, Looped
ERS	Elliot R. Straus, West Orange, NJ	R-390A, FET Loop, LW
MAS	Mark Strickert, Chicago, IL	RF-2200, Loop
WPT	William P. Townshend, Washington, DC	TRF
RA	Ray Arruda, Acushnet, MA	SX-122, SM1

See you all in the next DXN. 73.... R.R.

KNIX ARIZONA COUNTRY
FM STEREO 102 • AM 1580
P.O. Box 3174, Tempe, Arizona 85281, 602-966-6236

MAR 29, 1979

DEAR FRIEND,

THIS IS A NOTE TO LET YOU KNOW THAT ALL RECEPTION REPORTS FROM BOTH REGULAR PROGRAMMING, AND THE DX TEST RUN LAST YEAR, HAVE BEEN ANSWERED AS OF TODAY.

I WAS IN TOUCH WITH MEMBER ELLIOT STRAUS A WHILE BACK, AND RELATED TO HIM THAT IF THERE IS ANYBODY WHO SENT A REPORT TO ME, HERE AT THE STATION, THERE IS ABOUT A 50/50 CHANCE THAT I EVERE RECIEVED IT.

AS WITH MOST STATIONS, WE HAVE A PAPERWORK PROBLEM AND THINGS HAVE A TENDENCY TO GET PILED HERE AND THERE, AND THEN THE NEXT THING YOU KNOW, A NEW PILE IS STARTING ON TOP OF AN OLD PILE, AND SO IT GOES. UNFORTUNATLY, A LOT OF TIMES, A DX REPORT WILL BE AT THE VERY BOTTOM, AND NOT DISCOVERED UNTIL SOME TIME MUCH LATER.

TO PUT IT SIMPLY, DON'T SEND DX REPORTS OF KNIX TO KNIX. FIRST OF ALL, AS MANY HAVE FOUND, I AM THE ONLY ONE AT THE STATION WHO WILL ANSWER A RECEPTION REPORT. SO, TELL NRC MEMBERS TO SEND ALL REPORTS TO ME DIRECTLY, AT MY HOME ADDRESS WHICH IS:

P.O. Box 26901
TEMPE, AZ 85282

AS A FORMER BCB DXER, AND NPC MEMBER, I KNOW HOW HARD IT IS TO GET A VERIE FROM AN ARIZONA (THOUGH I WAS LUCKY ENOUGH TO GET KTAR-620 BACK EAST), AND I WILL DO MY BEST TO SEE THAT ALL CORRECT REPORTS OF KNIX GET ANSWERED, BUT I HAVE TO GET THEM BEFORE I CAN ANSWER THEM!

PLEASE RELATE, THROUGH DX NEWS, THAT ALL REPORTS THAT I HAVE IN MY POSSESION HAVE BEEN ANSWERED. IF ANYONE OUT THERE HASN'T RECIEVED AN ANSWER, HAVE THEM SEND A FOLLOW-UP TO MY PO BOX.

JUST SHORTLY WHILE I HAVE A LITTLE ROOM HERE, IN A COUPLE OF WEEKS WE WILL BE BREAKING GROUND FOR OUR NIGHTIME 6-TOWER SIGHT. WE'LL BE 50 KW DAYS AND 10 KW NIGHTS, WITH THE PRIMARY SKY-WAVE LOBE FALLING RIGHT ~~XXXX~~ AROUND ST. LOUIS. WE'LL BE 24 HRS STARTING THIS COMING FALL.

73. Cliff Reno 25 CLIFF RENO ASST CE KNIX

INTERNATIONAL DX DIGEST

CHUCK HUTTON
P.O. BOX 2087
DECATUR, GA. 30030
(404) 633-1198
BEFORE 2300 ELT

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

Greetings again. Several interesting nights of DX recently, including 3/23 (minor storm in progress, band mostly auroraed out) and 4/1 and 2, when WWV was announcing K indices of 4, yet the top end of the band was just alive with TA's. Many strong signals noted, most of them with the typical unsteadiness of this kind of night.

527.4 COSTA RICA TICAL Cartago at best level of recent weeks w/sedate male anncr, upbeat LA mx and much QRN 0301 3/22. (Thomas)

540 CUBA R. Reloj, first noted 7/23/78, but was obviously dreaming when typing "//550". (Krueger) (In refernece to an IDXD report of a month or two ago-CH)

555 NICARAGUA YNS R. Tic Tac fair to occasionally good 3/19; TC and ID at 1107 followed by two quick cuckoos. (Hutton)

580 CUBA CMJM or CMKF poor w/sports event 0305 3/22 and // other Rebelde stns. New for me whichever. (Thomas)

605 ECUADOR R. Huancavilca very poor, up occasionally with poor audio 4/1 AM between 0522 and 0545. Audio is a once a year event and cause for celebration. (Hutton)

609.2 UNID poor carrier looped Caribbean 0548 3/19. (Thomas)

612 MOROCCO Seebaa-Aioun in w/fair carrier; audio (man in AA) garbled by buzz from street lights 0013 3/19. (Connelly)

615 ECUADOR Em. Gran Colombia doing fair 0535 4/1 during fabulous opening to Ecuador. Noted only occasionally, as if running only a few kw of power. They were much louder last year when they were reportedly running 50 kw. (Hutton)

635 ECUADOR Ondas Quevedenas, Quevedo at record level 0523 4/1 with steady audio pushing through slop from Cuba 630. (Hutton)

640 GUADELOUPE Arnouville fair, alone w/nx in FF 2300-2310 3/23. (D'lzo)

640 GUATEMALA/CUBA/UNID three stn mix noted 0320 3/21 w/TGW on 639.8, CMQ on 640.0 and unid on 640.3. The 640.3 stn a carrier only (noted on 640.1 0300 3/14) and probably the same stn reported by Connelly earlier. (Thomas)

663.3 UNID the hypothesis (by Portzer, DXWW) that this is perhaps a ZP is given some support by 0340 3/20 logging which noted consistent DF and appearance of 645 carrier (an ID'ed ZP) at same time. This unid previously logged on 663.5 and always past WRTH listed 0200 s/off so ???? (Thomas) In very poorly with fragmented mx 0537 4/1 during a fabulous opening to Ecuador/Peru. This stn seems to be AN. The fade time one AM this winter was so late as to make me think this is an HC/OAX, or something else in the area. (Hutton)

699 DOMINICAN REPUBLIC HIDC R. Mao, Valverde poor during fabulous aurora 3/23 at 0115 with ID by male. This ine is fairly tough because they are rather undermodulated. (Huttton)

705 HONDURAS LV de Olancho poor w/male upbeat vocals and 2 male anncrs 0155 3/17. (Thomas)

719 PORTUGAL Norte to good peaks w/excited PP shouting by man (political speech?), then calmer talk by s-cond man in studio 0009 3/19. (Connelly) First male was RDP employee begging for his pay, hi. RDP is millions in debt and in dire trouble-CH

720 VENEZUELA YVOE R. Vision, Porlamar l&c, alone w/SS rock, TC's, jingle 2312-2319 3/23. (DeLorenzo)

738 SPAIN Barcelona poor w/bits of talk and cl mx 0007 3/19. (Connelly)

760 GUYANA ZFY R. Demerara, Georgetown fair, alone w/light instrumental mx, discussion on alcoholism 2320-2330 3/23. (DeLorenzo)

765 SENEGAL Dakar xlnt w/man in FF 0704 3/19. (DeLorenzo) Fair w/group chant, then man in AA 2311 3/15. (Connelly)

770a COLOMBIA HJKH R. Tequendama, Bogota fair thru WABC OC w/local and RCN ID 0702 3/19. (DeLorenzo)

774 SPAIN Caceres/Valencia poor w/SS talk, above mains buzz only 25% of the time, 0006 3/19. (Connelly)

775 COSTA RICA TIW R. Uno, San Jose xlnt in 4 kHz bandpass and free of slop from adjacent channels 0527 4/1. SS and EE rock with a few MoR type songs thrown in. (Hutton)

782 PORTUGAL Porto-Miramar CSB9 suspected at noise level (25 dB o/zero) w/bits of talk 0020 3/19. (Connelly)

790 UNID have hrd the cuckoo marker here many times u/QRM. Anybody know who this is? Last noted 0215 3/16, weak. (Thomas) Sorry, I have a local on 790 .... CH

825 COSTA RICA TIOS R. Titania, San Jose 0610-0615 3/25, Neil Diamond, ID's by woman over songs. Xlnt. (Krueger) Xlnt in 4 kHz bandpass 0615 3/23 and in nightly well since. Their signal seemed to have dropped off over the years but has been back to normal levels of recent. (Hutton)

830 COLOMBIA HJDM R. Vision, Medellin fair, atop w/ID, SS vocal 0650 3/19. (DeLorenzo)

831a UNID carrier continues around here (831.6 3/10, 830.9 3/14) at level occasionally sufficient for audio but WCCO/Belize prevents ID. (Thomas)

840 CUBA Santa Clara CMHW Dobleve annihilating WHAS w/MoRish LA fare 0230 3/17. (Thomas)

840 SAINT LUCIA R. Caribbean International 0257-0302 3/26 w/s/off, NA. (Krueger)

840 UNID using R. Vision slogan 4/1 AM over WHAS and other SS. (Hutton)

850 COLOMBIA Emisora Nuevo Mundo 0515-0530 3/27 w/CARACOL SS nx //4755 SW. Xlnt. (Krueger)

870 CUBA 3/30 0030 xlnt o/WWL, //880. (Hutton)

875 COSTA RICA TIGPH R. Monumental, Liberia very good and surprisingly quite clear with a handful of ID's 0523 3/30. (Hutton)

895 HAITI one of the Haitians barely making it 0303 3/17, but too poor for details. (Thomas) Only 4VB R. Artibonite is here now-CH

940 UNID well on top of the channel with R. Rumbos slogans 0335 4/4. I suspect this was R. Punto Fijo, although I have never seen or heard of this before. (Hutton)

944 HONDURAS Tegucigalpa HRYW R. Panamericana good 0346 3/15 w/organ rendition of "Sir Duke". (Thomas)

1010 DOMINICAN REPUBLIC HIJP R. Comercial, Santo Domingo, 0450-0502 3/27 w/LA pops, SS ID 0458. Very good. (Krueger)

1020 VENEZUELA YVRS R. Margarita 0502-0510 3/27, SS pops, ID by man. Very good. (Krueger)

1020.4 UNID carrier hetting KDKA 0355 3/15 and 0345, 3/22 and looped CA. This one ID'eable in time. (Thomas)

1050 DOMINICAN REPUBLIC HICB LV de la Hispaniola 0150-0200 3/27, SS ID, ads, local mx, "el Concierto de la noche" pgm. Xlnt. (Krueger)

1070 COLOMBIA HJCG R. Santa Fe, Bogota xlnt, atop w/lively SS vocals, ID 0625-0629 3/19; HJAG or YVMA normally atop this channel here. (D'lzo)

1070 CUBA CMKS LV Popular 3/19 at 0930 w/call letter ID and further SS talk, usually atop the channel. (Hutton)

1124.6 COSTA RICA TISRHB San Jose in briefly and poorly w/Bee Gees 0330 on 3/17. (Thomas)

1150 DOMINICA R. Caribbean International noted here from 545 at 0156 on 3/23. Same pgm as before, then noted FF s/off followed by identical EE s/off and short NA. Well on top of the channel during aurora. (Hutton)

1240 BAHAMAS ZNS2 Nassau 0615-1623 3/25, EE mx, ID/jingles, ads //810 and 1540. This is Nassau, not Freeport as others report. (Krueger)

1270 HAWAII KNDI Honolulu with light rock then "right here at KNDI, Honolulu ID followed by 5 minutes of news at 1100, and back to music at 1105 3/26. Good signal; Hawaii #16 from this QTH. (Nelson)

1304 UNID's-2 of them-one on top and the other just a SAH 0502 4/1. Looped North Africa so maybe these are the Algerians. (Hutton)

1305 UNID hetting the above 0549 4/1, too weak to ID. (Hutton)

1400 CUBA CMGX R. Musical Nacional Nacional 0425-0432 3/26, SS man, EZL mx, off early Sunday morning w/NA. Good. (Krueger)

1440 UNID and most probably R. Columbia, Costa Rica with a zillion mentions of CR between 1150 and 1212 3/19. (Hutton)

1475 GUINEA the transmitter listed in the Geneva plan is now on the air. First noted 4/2 at 0411 running 1 kHz TT, 0413 anthem, 0414 man says "Huna .... (large burst of static)" and a few words of Arabic. Into FF and man quickly gives several very good "La Voix de la Revolucion" ID's. Mx consisted of West African pop mx. Did not think to check either 1404 or the SW //, but wasn't necessary as signal strength was xlnt. Should be a regular on the east coast. (Hutton)

1520 VENEZUELA YVIC R. Bonita, Guatire 0355-0403 3/27, LA vocals, store ads, ID/jingles, woman s/off announcements, vocal NA. Remains a regular here. Also note the Cuban occasionally signing off around 0400. Xlnt. (Krueger)

1521 UNID big OC equalling nulled WKBW in strength noted about 0200 3/20; signal was gone when re-checked at 0400. (Connelly)

1530 UNID very poor LA here 0612 3/19 w/female and male anncrs and barking dog sound effects. Killed by WCKY test. (Thomas) It's R. Accion in Santiago, DR-CH

1557 FRANCE noted signing on 0500 4/1; ran 1 kHz TT for a while prior to s/on. Poor level, not providing very much QRM to Malta. (Hutton)

1557 MALTA fair to poor 0432 4/1 with man talking in what I think was

(1557, continued) AA. No mx heard, just talk. (Hutton)

****1566****TUNISIA as Eckman reported last issue, Tunisia is here now. Tuned in 0415 4/1 to find 1 kHz TT at incredible level and waited around to tape assumed Switzerland s/on. Anthem at 0427, then man in AA says "Huna .... Tunisyah". Koran readings followed, peaking to incredible level (equal to what Cayman 1555 has on the south Beverage!). Stayed at this loud level until past 0503 tune-out. Audio from this station is instantly recognizable as there is a quite distinct distortion heard each and every night from 4/1 to 4/4- it sounds like the garbled audio you get when two stations are 10 or 20 Hertz about in frequency. Perhaps the 2 X 600 kw tx's used are not synchronized. (Hutton)

Well, that's that for this issue. The summer doldrums seem to be taking over. Re Guinea above, yes they are on 1475, which seems rather odd in light of the fact that the 1403 xmtr moved to 1404 on time, in accordance with the Geneva Plan.

Reporters:

Mark Connelly	Arlington, Mass.	R390A, MW1
Marc DeLorenzo	Centerville, Mass.	HQ100, SM1
Chuck Hutton	Decatur, Ga.	R390A, 1500' Beverage, 80 meter dipole
Terry Krueger	Casselberry, Fla.	TRF, QR666, NC183, 65' and 80' LW's
Dick Nelson	Simi Valley, Ca.	R390A, FET loop
Gerry Thomas	Pensacola, Fla.	FRG7 (mod), digital readout, box loop

RADIO IN ANTIGUA

Excerpts from "Antigua, Isle of Sun", by Carol McCabe, Providence Sunday Journal, 3/25/79. Via Bruce Conti.

I like Antigua's people, and, though this might not be a big item with most vacationers, I love listening to the radio in Antigua. It's not likely many vacationers choose their island by the radio stations, but Antigua's are irresistable.

Here's a public service announcement: "Animals not under tether must be caught, you see. These animals are relentlessly removin' the vege-taytion from the land."

And another: "The general public is warned against dynamite or any other substance noxious, poisonous or stupefyin' for the takin' of fish."

In Antigua, the radio brings you death notices, steel band music, horoscopes, and commercials like one in which a woman's voice purrs that discharge and suction hoses are now available at Antigua Hardware or tells you that at the Silver Dollar Supermarket "parkin' is hardly a problem." The commercial for National Bakeries tells you that bread "Builds and repairs tis-sues."

There's a weather announcement: "Total rainfall for the month is 0.0 inches."

The cricket news is reported in a rather more elegand way than American football: "Selby was given stout assistance at a critical stage by his teammates and eventually King could restrain himself no longer."

After the sports news there is a green fig pie recipe from Radio Montserrat, followed by a soap opera titled "Hortense and Clyde" which appears to be "An American Tragedy" adapted to a West Indian setting.

Mekase to Antigua. You'll lub it.

GREAT CIRCLE CALCULATIONS - REVISITED

R. MICHAEL TUGGLE

Like to know how far away that recent DX catch is ? Or the best direction to aim your loop for that DX you didn't catch ? Great Circle Calcs. provide the answer:

Step 1: Obtain the coordinates (latitude, longitude) of your base location and of the DX location. A good atlas has these.

Step 2: If coordinates in degrees-minutes-seconds (DD,MM,SS or °,',"), convert these to decimal degrees (DD.DDD):

(DD.DDD) = DD + MM/60 + SS/3600

Note that East-longitudes and South-latitudes are considered to be negative.

Step 3: Decide which of your two locations is the more westerly. Normally this is the loc. with the greater longitude - but not always. For example, Tokyo (longitude 140°E = -140°) is actually west of San Francisco (longitude 122°W). To determine if this situation exists for your pair of locs., subtract the eastern longitude from the western longitude: 122° - (-140°) = +262°. If this result is greater than 180°, add 360° to the eastern longitude: (-140°) + 360° = +220°. We now have S. F. at 122°W and Tokyo at 220°W.

Step 4: Perform these calculations - fill in the blanks:

	Latitude	Longitude
Point 1 (easterly)	L1 = _____	M1 = _____
Point 2 (westerly)	L2 = _____	M2 = _____

(1) = M2 - M1 = _____
(2) = cos(1) = _____ i.e., (2) = the cosine of the result of line (1)
(3) = cos L1 = _____
(4) = cos L2 = _____
(5) = (2) x (3) x (4) = _____ i.e., multiply together results (2),(3)&(4)
(6) = sin L1 = _____
(7) = sin L2 = _____
(8) = (6) x (7) = _____
(9) = (8) + (5) = _____
(10) = arc cos (9) = _____ i.e., (10) = the angle whose cosine is result (9)
(11) = 69.1 x (10) = _____ Great Circle Distance (in miles)
(12) = (1) / 2.0 = _____
(13) = tan (12) = _____
(14) = 1.0 / (13) = _____
(15) = L1 - L2 = _____
(16) = (15) / 2.0 = _____
(17) = L1 + L2 = _____ If this result is negative, proceed with calc., but see Note below.
(18) = (17) / 2.0 = _____
(19) = cos (16) = _____
(20) = sin (18) = _____
(21) = (14) x (19) / (20) = _____ i.e., multiply (14) & (19), then divide by (20)
(22) = arc tan (21) = _____ i.e., (22) = the angle whose tangent is result (21)
(23) = sin (16) = _____
(24) = cos (18) = _____
(25) = (14) x (23) / (24) = _____
(26) = arc tan (25) = _____
(27) = (22) + (26) = _____ Initial Bearing going from Pt. 1 to Pt. 2 (in degrees West of North)
(28) = (22) - (26) = _____ Initial Bearing going from Pt. 2 to Pt. 1 (in degrees East of North)

Note: If (17) negative, add 180° to (27) and to (28) for correct bearings.

For the mathematically inclined, the formulas used are:

GCD = 69.1·arc cos [sin L1·sin L2 + cos L1·cos L2·cos (M2 - M1)]

Continued next page.....

Bearing from Pt. 1 to Pt. 2 = (A + B)° W of N
Bearing from Pt. 2 to Pt. 1 = (A - B)° E of N

where: A = arc tan (X·cos Y / sin Z)
B = arc tan (X·sin Y / cos Z)

where: X = cot [(M2 - M1) / 2]
Y = (L1 - L2) / 2
Z = (L1 + L2) / 2

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* First visitation by Dave Fischer in a series of excellent articles available as Reprints T8, et al. These articles have many worked examples with which the procedures given in this article can be checked out.

SOME TIPS ON IDENTIFYING UNID'S

RUSS EDMUNDS

Several articles have appeared over the years on this subject, from Page Taylor's "The Compleat DX'er" (now in the "Beginner's Guide to MW DX") to Alan Davenport's and Gerry Thomas' articles on letter confusion. In this article, I will attempt to utilise a somewhat different approach - actual examples. The actual process of identifying an UNID is really a research project. More than half of the battle is collecting the right reference materials. To that end, I present an updated version of the reference list provided in the Taylor article.

Under the heading of geographical references, one should have the NRC Log, Pattern Book, a good road atlas, a copy of Broadcasting Yearbook, and perhaps a copy of Standard Rates and Data. In addition to these, the NRC/IRCA Sunrise/Sunset maps are a must. FM data is essential, and to that end, the FM Atlas is also a must. Additional sources of station data, in addition to those already mentioned above include DDXD, Log Updaters, and AM Switch, all in DX News. Probably the biggest necessity is a tape recorder which is constantly running during DX sessions, as the process will require frequent re-playing of the tape.

One additional thought is that the old theory that "two heads are better than one" is indeed a truism in DX also. If all else fails, oftentimes playing the tape for another DX'er will solve the problem. If it is convenient, this can be more than a last resort, but a part of the regular routine, beyond the normal checking-out during the initial playback of the DX tape.

In reviewing several early-1979 editions of DDXD, a number of unIDs have cropped up. Lets start with a simple one: 1580, s/off, mentioning 5 kw, at 1746 EST, and an address of 316 _____ South. In this case, go to the SR/SS maps first, as they will eliminate most of the possibilities right away. Then go to the log to check station powers, remembering to watch for CH powers. This process tells us without further searching that the station was almost certainly WAMY, Amory MS. Let's try another: 1590, s/off, 1744 EST, FM 100.3, sounds like WVOA. The first thing to try here is to find a very similar call, which we can do -- WVNA. Let's say that we aren't sure of the call heard, then we repeat the routine for the previous example, and then add to that a quick check of 100.3 in the FM Atlas (or Broadcasting Yearbook). We come up with the same answer, WVNA, Tuscumbia, AL.

Let's try again: 1600, 0600 EST s/on, FM 98.3. A bit harder, but, checking first the maps, then the FM, we find only one likely, WARU, Peru, IN. This one is less certain without detailed checking on the FM, inasmuch as any number of PSA s/ons could be anticipated for 0600. The locations of the DX'er (Ohio), lends some weight to the argument for WARU.

Similarly, these techniques can be used to identify many otherwise unID'ed logs. Further info can be gleaned from the use of Atlases. Route numbers, suburbs, nearby towns, or other geographical features can be identified by map or by index. Phone numbers in ads or otherwise can be checked too. It never hurts to call Directory Assistance for an UNID which you've narrowed down pretty well to confirm that such-and-such a phone number indeed is listed for such-and-such an advertiser. Station numbers can sometimes be verified thru SRDS or the Broadcasting Yerabook. FM calls, although different from the AM, can also be of help. The name of the station license-holder, often given in s/off and s/on announcements, can sometimes be checked in BYB or SRDS. Had I had either of these more recent than 1977, I could have added a couple of more examples to those noted above, but the idea should be clear from the three used.

Now, for the acid test. Below are several unIDs with only the information I had to start with when I heard them. I am giving the years in which they were heard, so as to account for changes in data since then. All of them have been ID'ed by use of the techniques described here, and can be ID'ed from the information given. The answers will be published in a later issue of DX News. In the meantime, if anyone wishes, you may send your answers to me at Box 127, Boonton, NJ 07005, and I'll check them for you, but only if you have all or all but one completed in accordance with procedure. Also, tell me how you did it. No prizes, other than mention in DXN when the answers are published. Good luck!

1. December 1976: 1657 s/off, 5 kw. daytimer, 980 kHz., looped South from NJ.
2. January 1977: 1747 s/off, 101.7 FM, 1000 w, 1530 kHz., South.
3. January 1977: 1715 s/off, "FM 99", (Stereo), State Highway 13, 970 kHz., So.
4. January 1977: 1657 s/off, WAFM (?), 104.7, 1300 kHz., North of West
5. January 1977: 1727 s/off, FM 93.9, 1150 kHz., So.
6. January 1977: 1714 s/off, FM 107.5, 1520 kHz., So.
7. April 1977: 0600 s/on (LT) Ai Net, C&W format, mentioned US 5 & Rt. 30. 1410.
8. May, 1977: 0558 s/on,"WKMP news", 1370.
9. April 1977: 0537 s/on, c & W., _____ville, 1590, So.

10. (Bonus) April 1977, hrd at 0050 LT, ACIC Basketball, Macklin vs. Western Catholic, 1270, looped South.

Anyone who gets them all correct is eligible for the grand prize -- a chance to try their hand at some which have eluded me, hi. Send SASE for list.

Storm of protest

WHAS radio's tornado documentary causes a flood of telephone calls

– Associated Press

A five-year-old string of tornadoes moved through Kentucky via radio airwaves yesterday.

Louisville radio station WHAS, a 50,000-watt clear channel that beams into 40 states, was broadcasting a documentary entitled "Day of Disaster — The Tornadoes of April Five Years Later." The program recalled the string of killer twisters that ravaged the state on April 3, 1974.

Shortly after the broadcast began — and despite numerous announcements that it was a documentary — telephones began ringing in the offices of police agencies across the state.

"We didn't know what was going on," said a Jefferson County police dispatcher. "Nobody told us."

A state police dispatcher in Frankfort said that "it's from one end of the state to the other that Louisville was wiped away. We've got posts all over the state getting calls, and the governor's office is getting calls."

A harried Fran Severin of WHAS said that the station was deluged with calls.

"Orson Welles would be proud," she said, referring to his 1938 radio adaptation of H. G. Wells "War of the Worlds" that listeners mistakenly thought was radio coverage of a Martian invasion of Earth.

"We decided on purpose to wait until it was a nice day, but everyone has gotten hysterical. We've been getting calls from the state police and the governor's office. Some people are screaming that they're going to write to the FCC (Federal Communications Commission) and have our license lifted." (WHAS is owned by the Bingham family, which also owns The Courier-Journal and The Louisville Times.)

State police in Elizabethtown were ordering motorists off Interstate 65 because of the tornado reports.

State Police Trooper Mike Pratt, who patrols the Spencer County area next to Louisville, said he "flipped on my radio and heard that (documentary) and looked up into that clear sky, and said, 'What's going on?' "

WVNA
AM-FM STEREO
509 NORTH MAIN STREET
TUSCUMBIA, AL. 35674

WMS
690
ON YOUR
AM
DIAL

AM Radio in Tunnel

The Port Authority of New York and New Jersey is experimenting with a plan to to eliminate static on car radios as they travel through the Holland Tunnel. Port Authority officials expect to begin testing a new radio communications system in the eastbound lanes of the tunnel. If successful, the new system will allow AM-radio reception and give Port Authority police the ability to cut in on all AM frequencies simultaneously to broadcast traffic advisory meassages.

↗
VIA LARRY FOX

LATIN AMERICAN BEACON LIST

Dallas Lankford © 1979

1600	ASC	Ascension, BOL
	JUI	Juanjuri, PER
	SLSU	Sucre, BOL
1602	LGM	Leguizano, COL
1608	EPO	El Paso, COL
	VSA	Villahermosa, MEX
1610	CTG	Cartagena, COL
	TDA	Trinidad, COL
1613	RAB	Rabinal, GUAT **
1615	BOB	Bobures, VEN
	MIL	Quincemil, PER
	PSO	Pasto, COL
1618	LMM	Los Mochis, COL ?
	LMM	Los Mochis, MEX
	TUL	Tulancingo, MEX
1620	CEP	Concepcion, BOL
	EBG	El Bagre, COL
	IZT	Ixtepec, MEX
	LAV	Tumeremo, VEN
	NLD	Nuevo Laredo, MEX
	TEH	Tehuantapec, MEX
	URM	Uriman, VEN
1623	FAM	Fazenda Amalia, BRA
	HUM	Humaita, BRA
	PTT	Pto. Trombetas, BRA
1625	CDT	Condoto, COL
	CZM	Cozumel, MEX
	MZT	Mazatlan, MEX
	QIT	Quito, ECU
	TIKX	El Coco, C.R.
	TIKX	San Jose, C.R. ?
	ZUI	Ascazubi, ECU
1630	APB	Apolo, BOL
	AUR	Guatemala City, GUAT
	MTR	Montera, COL
1635	PPN	Popayan, COL
1638	CME	Carmen, MEX
	IAC	La Quiaca, ARG
	MTT	Minatitlan, MEX
	PRN	Tapurucuara, BRA
	ZCO	Cuzco, PER
	ZYL	Labrea, BRA
1640	JSE	San Jose, BOL
	SOG	Sogamoso, COL
1648	PUI	Tefe, BRA
	OAX	Oaxaca, MEX
	TIJ	Tijuana, MEX
1650	CH	Chinaja, GUAT
	CLO	Cali, COL
	UIB	Quibdo, COL
1655	CUC	Cucuta, COL
1658	CPE	Campeche, MEX
1662	PZA	Puerto Cabezas, NIC
1665	CIO	Cicuco, COL
1668	GDL	Guadalajara, MEX
	HMO	Hermosillo, MEX
	MID	Merida, MEX
1670	BGA	Bogota, COL ? **
	CZU	Corozal, COL
	ESM	Esmeraldes, ECU **
	TIPM	Palmar, C.R.
1675	BGA	Bucaramanga, COL ? **
	TOR	Tournavista, PER
	ULQ	Tulua, COL
1680	CA	Carmelita, GUAT
1682	ZMM	CUBA ? **
1685	DRC	Dos Rios, COL
1688	PPE	Punta Penasco, MEX
	PRJ	Benjamin Constant, BRA
	PUD	Eirunepe, BRA
	PVG	Cucui, BRA
	PVN	Porto Velho, BRA
	PVR	Puerto Vallarta, MEX
1690	MDE	Medellin, COL **
1698	REX	Reynosa, MEX
	SDM	Santo Domingo, MEX
	TGZ	Tuxtle Gutierrez, MEX
1702	TBU	Tibu, COL
1704	TGU	Tegucigalpa, HON
1705	AFI	Amalfi, COL
1708	CUE	Cuenca, ECU
	MXL	Mexicali, MEX
	PUB	Carauari, BRA
	PVK	Altamua, BRA
	TAM	Tampico, MEX
	TAP	Tapachula, MEX
1710	BUN	Buenaventura, COL
	IQQ	Iquique, CHI
	SNG	San Ignacio, BOL
1718½	MZL	Manzanillo, MEX
1720	TQN	Tres Esquinas, COL
1740	PO	Popton, GUAT
1745	CGW	Cartago, COL
1750	PLT	Plato. COL

REFERENCES 1. Popular Electronics (Aug. - Nov. 1964)† 2. "Official 1978 Beacon List" D. Davis, DX News 45, 24 (1978) 3. SWL 4. SWN 5. "Beacon Stations" NRC reprint L14 [? indicates possible error; ** indicates heard recently] A.-B-...C-.-.D-..E.F..-.G--.H....I..J.---K-.-L.-..M--N-.O---P.--.Q--.-R.-.S...T-U..-V...-W.--X-..-Y-.--Z--.. [international] MN---.MM----IM.--AA.-.-UI..-..

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GRAVEYARD DX ACHIEVEMENTS

BILL HALE
1451-B FAITH DRIVE
RANTOUL, ILL. 61866

If it's April, it must be time for the 1340 Graveyard DX Achievements. A couple of comments from Ye Olde Editor: first, when sending in reports, include ALL GY frequencies plus your totals. This will save you 15¢ each month. Second; if it wouldn't be too much trouble, include the mileages. It's not that I mind figuring them out, but I have received some flak from some contributors concerning the distances of others. Well, gang, some (actually most) of the mileages were already there when I took over as editor. Those mileages which I have figured were done so using a formula utilizing Latitude and Longitude of the DXer's location and the station's location. Anyone not satisfied with this method, let me know. I don't have the time to go through all the lists and compute every mileage figure, so unless you (the flakker) can prove to me (the flakkee) and the contributor in question that the distances are wrong, they stand!! New listings this time include George Santulli, Ernie Wesolowski, Sharon & Richard Waterman, and Pete Taylor. Pete's first listing was from a ship between Honolulu and Japan or someplace out there (exact location unknown), so he gets the greater-than sign for that one. Question of the month: Howcum I can get WKRP in Cincinnati on my TV, but not on my radio?? Oh, well. Let's see what 1340 holds...

1340-pre 1960

Distance	DXer and Location	Station and Location
>2875	Pete TAYLOR Honolulu HI	KRUX Glendale AZ
2700	Ron SCHILLER Avenel NJ	KPRW Pasco WA
2670	Gene ALLEN Vallejo CA	WGAW Gardiner ME
2530	Gene ALLEN Vallejo CA	WHED Washington NC
2500	Stan MORSS Bradford MA	KHUB Watsonville CA
2400	Stan MORSS Bradford MA	KIHR Hood River OR
2370	Hank HOLBROOK Chevy Chase MD	KMOR Oroville CA
2370	Hank HOLBROOK Chevy Chase MD	KAPA Raymond WA
1900	Norm MAGUIRE Albuquerque NM	WEIM Fitchburg MA
1900	Norm MAGUIRE Albuquerque NM	WGAW Gardiner ME
1650	Pete TAYLOR Durham NC	KPRK Miles City MT
1600	Ralph SPERRY Fairfield CT	KFYO Lubbock TX
1435	Don KASKEY Omaha NE	KFIR North Bend OR
1420	Don KASKEY Omaha NE	KAPA Raymond WA
1400	Ralph SPERRY Fairfield CT	KRSD Rapid City SD
1400	Pete TAYLOR Durham NC	KMYR Denver CO
1335	Dan PHILLIPS Cookeville TN	KGPC Grafton ND
1165	Dan PHILLIPS Clinton TN	KPDN Pampa TX

1340-post 1960

1400	Alan IMPRESCIA New York NY	KOLE Port Arthur TX
1250	Rick CARR Bloomington IL	KPGE Page AZ
1210	Andy RUGG Montreal PQ	WROD Daytona Bch FL
1195	Ernie COOPER Provincetown MA	WPBR Palm Bch FL
1120	Frank WHEELER Erie PA	KAND Corsicana TX
1085	Brett HANAVAN Chula Vista CA	KWKC Abilene TX
1075	Ernie COOPER Provincetown MA	WROD Daytona Bch FL
1015	Rich EDDIE St Louis MO	WDCR Hanover NH
1010	Andy RUGG Montreal PQ	KXEO Mexico MO
1010	Sharon WATERMAN Southwick MA	WROD Daytona Bch FL
1010	Richard WATERMAN Southwick MA	WROD Daytona Bch FL
1005	Frank WHEELER Erie PA	KRMD Shreveport LA
1000	Alan IMPRESCIA New York NY	WTAN Clearwater FL
990	Jeff FALCONER Clinton ON	WROD Daytona Bch FL
950	George SANTULLI Cranford NJ	WLOK Memphis TN
950	George SANTULLI Cranford NJ	KXEO Mexico MO
900	Russ EDMUNDS Parsippany NJ	KXOE Mexico MO
900	Robert WIEN San Jose CA	KKIT Taos NM
890	Ernest WESOLOWSKI Omaha NB	KPGE Page AZ
880	Ernest WESOLOWSKI Omaha NB	WTYS Marianna FL
860	Dave SCHMIDT New Castle DE	KXEO Mexico MO
845	Bill HARDY Aberdeen WA	KQIL Grand Junction CO
840	Gary ATKINS Louisville KY	WDCR Hanover NH
840	Morris SORENSEN Leaf Rapids MB	CFLH Hearst ON
830	Robert WIEN San Jose CA	KSIL Silver City NM

825	Gene NIX Billings MT	KMAK Fresno CA
820	Russ EDMUNDS Parsippany NJ	WAGN Menominee MI
810	Jeff FALCONER Clinton ON	KSEK Pittsburg KS
805	Dave SCHMIDT New CASTLE DE	WROD Daytona Bch FL
800	Stephen McINTIRE Des Moines IA	KOLE Port Arthur TX
785	Bill HARDY Aberdeen WA	KRAM Las Vegas NV
780	Tim KERFOOT Weston ON	WOKE Charleston WV
780	Jerry STARR Hubbard OH	KSEK Pittsburg KS
780	Bruce CONTI West Warwick RI	WLAV Grand Rapids MI
775	Forest OSBORN Hooker OK	KPRK Livinston MT
760	Jerry STARR Hubbard OH	KVBR Brainerd MN
760	Gary ATKINS Louisville KY	KOLE Port Arthur TX
740	Rich EDDIE St Louis MO	KLBK Lubbock TX
735	Mike HEPPE Houston MS	KLBK Lubbock TX
675	Karl JETER Atlanta GA	KTOW Sand Springs OK
670	Morris SORENSEN Leaf Rapids MB	CFYK Yellowknife NWT
660	Nancy HARDY Aberdeen WA	KMAK Fresno CA
640	Don DAVIS Warner Robins GA	KBRS Springdale AR
635	Tom SUNDSTROM Willingboro NJ	WBBQ Augusta GA
630	Ron MUSCO Windsor CT	WJRI Lenoir NC
630	Dave FOX Reading PA	WKGN Chattanooga TN
625	Brett HANAVAN Chula Vista CA	KQIL Grand Junction CO
625	Karl JETER Atlanta GA	KOLE Port Arthur TX
615	Forest OSBORN Hooker OK	KOLE Port Arthur TX
600	Tom SUNDSTROM Willingboro NJ	WOKE Charleston SC
595	Rick CARR Bloomington IL	WOKS Columbus GA
590	Dave FOX Reading PA	WOKE Charleston SC
590	Richard WATERMAN Southwick MA	WIZE Springfield OH
575	Stephen McINTIRE Des Moines IA	KPDN Pampa TX
530	Pat HARTLAGE Louisville KY	KSEK Pittsburg KS
510	Paul MOUNT Teaneck NJ	WJRI Lenoir NC
490	Nancy HARDY Aberdeen WA	KCAP Helena MT
490	Bruce CONTI West Warwick RI	WHAR Clarksburg WV
475	Bill LACKEY Kingsville TX	KLBK Lubbock TX
465	Gene NIX Billings MT	KMTI Manti UT
460	Harry HAYES Baltimore MD	WKGN Knoxville TN
430	Bob WESSOLOWSKI Milwaukee WI	WBGN Bowling Green KY
420	Tim KERFOOT Weston ON	WRIT Milwaukee WI
410	Harry HAYES Gouldsboro PA	WCMI Ashland KY
405	Bill LACKEY Kingsville TX	KRMD Shreveport LA
405	Sharon WATERMAN Southwick MA	WHAP Hopewell VA
400	Pete TAYLOR San Francisco CA	KORK Las Vegas NV
395	Mike HEPPE Houston MS	KSEK Pittsburg KS
390	Jeff KOSNETT Charleston WV	WOKE Charleston SC
385	Jeff KOSNETT Chicago IL	KLID Poplar Bluff MO
375	Bruce WINKLEMAN Greensboro NC	WBGN Bowling Green KY
365	Pat HARTLAGE Louisville KY	WRIT Milwaukee WI
320	Ron MUSCO Windsor CT	WEPM Martinsburg WV
315	Jeff KOSNETT Chicago IL	WNCO Ashland OH
305	Bob WESSOLOWSKI Milwaukee WI	WIZE Springfield OH
295	Paul MOUNT Teaneck NJ	WDCR Hanover NH
295	Stephen PONDER Ft Worth TX	KOLE Port Arthur TX
290	Don DAVIS Warner Robins GA	WROD Daytona Bch FL
280	Mark CONNELLY West Dennis MA	WMID Atlantic City NJ
250	Konstantine RYCHALSKY Bridgeport CT	WOOK Washington NC
250	Mark CONNELLY Rockport MA	CJLS Yarmouth NS
225	Bryan LEE Brooklyn CT	WMID Atlantic City NJ
225	Bryan LEE Brooklyn CT	WIRY Plattsburg NY
205	Frank DAILEY Preston CT	WMID Atlantic City NJ
150	Stephen PONDER Ft Worth TX	KWKC Abilene TX
140	Frank DAILEY Preston CT	WALL Middletown NY
65	Bill HALE Janesville WI	WRIT Milwaukee WI
60	Jeff KOSNETT Charleston WV	WXEE Welch WV
50	Paul MOUNT Nelsonville OH	WCMI Ashland KY
40	Bill WURTZEL Passaic NJ	WALL Middletown NY
40	Larry VAN HORN Millington TN	WLOK Memphis TN
10	Paul MOUNT Nelsonville OH	WOUB Athens OH

Whew!! That's it for 1340. Deadline for 1400 is April 26. 73

Bill

MUSINGS

ERNEST R. COOPER
5 ANTHONY STREET
PROVINCETOWN, MASS. 02657

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

SEVEN TYPES OF MUSINGS (PART ONE)

ROBERT WIEN - 945 Desert Isle Drive - San Jose, California - 95117

It is interesting to note how can you please everyone in the hobby when there are so many aspedts to it. For example, just the different variations in the style & content of Musings can arouse or surpress interest by their mere presence in DX NEWS, such as poetry being a different style of writing arousing a recent negative feeling among certain members. I, along with BILL HARANG, have categorized what we feel to be the seven types of Musings, according to style & content involved, along with the advantages & disadvantages of each type. 1. Straight tips and/or verifications, Advantages:can be useful in determining what stations can be heard in a particular city or region. Disadvantages: can be of little interest or use to A DXer located on the other side of a entinent, as tips and/or veries could not necessarily inform the CXer as to what can be heard in his particular area, of more use to him. 2. Non DX-related (of general interest to laymen rather than hobbyists.) Advantages: can make Musing more personal, in sense that the DXer can find out about one's personality in areas other than DX, helping the DXer to know the person involved in the Musing more deeply in other areas of life. Disadvantages: Of little direct use to DXer other than good reading material, unless DXer knows writer involved personally. 3/ Technical. Advantages: Info of specific interest & use to a DXer interested in the area of technology incorporated within the Musing's content. Disadvantages: Language involved is frequently of a jargon-like nature, only understandable to a restrcted group of individuals experienced in the area of technology the Musing incorporates, & so, of little interest to others. 4. Political. Advantages: Can arouse interests within an issue, political or other, that affects the well-being of the Club or of those involved, & so, to stimulate the members to act upon the issue involved. Disadvantages: Can arouse controversy or hatred among individuals, due to the emotional and/or psychological touching or a sensitive "nerve" or subject in a controversial issue. 5. Historical. (e.g., station histories, Mothball Memories, etc.) Advantages: Brings back feelings of nostalgia & gives the DXer the ability to re-experience and relive happy memories. Disadvantages: People who did not experience the particular historical event represented in the Musing or hobby can have trouble feeling the same emotions those who experienced the event may have, resulting in little or no interest among newer DXers. (Con'd next issue).

CONGRATULATIONS, JIM AND HELEN!

JAMES E. CRITCHETT - 1635 Walbridge Street - Red Bluff, California - 96080 3/6/79

Thank you for splitting up at the right place my long report for 2/7 & publishing it in two sections. This report for March 6th I am sending in as two reports; this second section may be printed as space permits. Not a report of stations heard, though. (I found I had incorrectly reversed the ribbon spools, O.K. now). I assume that every hobby has its magazines. I read mine for tips on new stations & call letters, Broadcasting magazine, with its "For the Record" section comes first. "DX NEWS" my oldest subscription in terms of age, & "DX Monitor" are the other publications. In the case of the latter two, the editors & publishers are volunteers, & I have always felt, that contributions which are not DX tips just add extra work for these volunteers. So my first reaction to the 2/5 "Static from HQ" was one of pleasure at the deletion of non-DX-related items. The March 5 Musing by Ernie was very fitting, and good advice. As he suggests, if poetry is printed, I will just "skip over it"; also the technical items which I don't understand. I can't understand the Foreign Language programs, so I don't waste time listening to those stations, and "skip over" the IDXD section. The IDXD does not help get a new station, so "skip over." Graveyard DX Achievements - "Skip Over." Musings by EC members, listing stations impossible to hear out here - "Skip Over." So come on, you members West of the Missouri, report what we out West can also hear! The rest of you, report what helps others in DXing. February 18th, NRC Member and Methodist Minister in Yreka united in marriage Helen Penny Bates, former Yrekan, and JAMES E. CRITCHETT, NRC Member & also former Yrekan. They now reside in Red Bluff, Cal. Moving & marriage interfere with DXing, but are more fun. Best wishes. (Who is the minister, Jim?-ERC)

HE WHO LIVE IN WESTERN TEPEES CAN GET D,U, & JAPANESE TP's!

HANK WILKINSON - 5028 Maiden Lane - Santa Rosa, California - 95405 3/16/79

February was a good month for TP DX & March promises even more. The excitement of Down-Under DX has been tremendous. However, there has been a noticable shortage of TP Asian stations other than the more powerful Japanese. A few of the better loggings of late are: WSZO-1098 in the Marshall Islands on 2/27; KUMU-1500 in Hawaii on 3/9; & VQO-1026 in the Solomon Islands on 3/12. Special thanks to RANDY TOMER on these three. Veries received in March (so far) are: 2GB-873 for a 1/16 report; an NHK v/q for a report on JOCP-846 on a 2/8 report, & 4ZA-864 on a 2/17 report. For those interested, the "Big" NHK stations in Japan now give their news in EE @ 2am PST. I would like to suggest we don't "overwork" & "overload" our fine NRC Editors with "non-DX" items in the future. I could care less who eats & drinks what while DXing, among other things. Let's keep DX NEWS all "DX news." There is a shortage of DX news from the WC & really there shouldn't be & this is the very last time I'll mention this item. The potential of TP DX for WC DXers has never been higher since the 30's & 40's.

TAPE RECORDER WOES

DAVE FOX - 333 Douglass Street - Reading, Pennsylvania - 19601 3/11/79

Tape recorder problems usually seem to strike at the worst possible time! On Wed. 3/7 SSS & early evening CX were absolutely fantastic. When such conditions prevail I usually DX with two RXes - taping both on different channels. One RX is used to ID possible needed loggings, and then the second receiver is tuned to that frequency while additional stations are looked for. Seems as though one channel on my recorder was out & I missed the following stations desired for a report: WESY-1560, WSAT-1280, WVNA-1590, & WHKY-1290. I may have also missed another logging or two that I don't know about. However, on the other RX loggings were taken @ 7:15pm for WLUX-1550 s/off, no SSB & perhaps best of all I noted WKAC-1080 @ 6:54pm w/an announcement concerning their tornado alert signal. The beeping sound for this really penetrated thrcugh interference on 1080. 1080 was the frequency that tipped off the good CX - by 6pm WTIC was inaudible & WKLO was booming in. Later KRLD dominated for an hour or so. To compound my frustration I had taped on 3/6 a good s/off announcement of WZTQ-1080 @ 6:30pm...but like a dumbo I had neglected to attach my recorder jack to my radio! Thus in two days seven possible reports were reduced to just two. On the bright side - WKAC & WLUX were good ones, though. MM 3/5 was not too productive. Logging was taken on WJW-850 on ET w/EZL mx & IDs @ 1:59 & 2:59am. WHDH-850 also was on ET about 2am when an SID came out of nowhere. On 3/10 I noted that someone at WPUV-1580 had forgotten to pull the switch @ 6:30 pm for s/off. A call to them was made about 7:03 & this news resulted in the station going off almost immediately. On 3/11 after a period of TTs an ID was heard from unn WOND-1400 @ 12:36am. A few veries in: v/q from WVOK-690, PP/c from KMCW-1190, & v/f's from WGLI-1290 & WMAK-1300. The latter was for a report sent last February that was returned twice because of an incorrect address. The new NRC Log's address worked & report was verified. One wonders why the Post Office can't forward a letter to the proper destination when the name of the call letters & city are on the envelope. This same thing just happened with WAVS-1190. The log address is evidently incorrect & I got the letter back. Can anyone let me know about the new address for WAVS? Re: The great poetry debate. As long as it is part of a DX-related Muse & concerns radio or DXers, it should be allowed! Let's remember that DX is a fun hobby & not a serious business. After all - I only thought about slashing my wrists when I missed the above loggings!

HIS VIEW ON CLEARS IS CLEAR

GARY SIEGEL - 2728 106th Street - Toledo, Ohio - 43611

Hello again all. I've taken some time to give thought about the current FCC proposals re the AM band & station allocations & I've come to the conclusion that I am in basic disagreement with the position of the NRC stand regarding the clear channel proposals. What I'm wondering is why the big backing of the basically unfair signal advantage of the 1-A clears? Back in the early days of radio it is true that the KFI's, the WJR's, & the WGN's did stand out as excellent stations, and yes, they still do, but I very SERIOUSLY question whether these stations are so much superior to their competitors even within their own market. The advantage these clearest of the clear channel stations have and want to protect is their signal which I can't fault them for at all. But I would point out that many small town stations do provide an excellent service within their own right & many of the so-called exclusive programming features found on the Class 1-A clears can also be heard on stations with less power within specific programming. No one is going to tell me that WSM is the only station in Nashville or its surrounding environs to provide c/w music overnight. Doesn't WKDA? As far as the beef that WSM & the Grand Ole Opry have regarding the FCC proposal, it seems to me they both are being somewhat petty. One, WSM & the Opry can always feed the program via a sort of network hookup & yes, if a Toledo station carried the show I WOULD hear it better than I could ever hear it on WSM! Two, the specific FCC proposal of 750 miles from the individual station's XR is not at all a ridiculous restriction. Nowhere do I see where the present 1-A clears would have to directionalize to protect any new station beyond the 750 mile radius. Does WABC protect KOB? Does WCBS protect KRVN? Does WGN protect KDWN? I could go on and on but I think this makes my point. I don't see the FCC as desiring to turn any Class 1-A station into a "lowly" Class III or Class IV signal. I would say that I would be vehemently opposed to a 150 mile signal restriction as the amount of interference generated against both the old 1-A facility and any new facility would be totally intolerable. Idon't see the FCC as invoking this proposal at all. Continued, next Muse.

CLEAR CHANNELS - KEEP SOME, LOSE SOME

JEFF LOCKWOOD - 3131 El Prado Boulevard - Tampa, Florida - 33609 3/18/79

Two quick newies on 1330: KVOL 12:15am 3/15, then WFBC five minutes later, making third Greenville S.C. station heard (others are WHYZ & WESC). No luck with the eclipse as not even WSB made it through. Concerning the now-famous FCC proposal, I would like to see at least some of the clear channels stay; however the ones like 850 & 1070 which are semi-regional in nature would do well to accomodate more stations. Also, consider how far the CY's with 170 competitors per channel actually get out at night; I've noticed some don't even make it 15-20 miles because of QRM. Surely a comparable arrangement on an FM channel would allow a larger interference-free service area for each station. I'm thinking of doing a short article for DX NEWS on calculating the mean ground conductivity over a signal path for which the conductivity varies significantly (e.g., a path partly over land and partly over water). The theory is analogous to combining electrical resistances in series; it should give the Cape Cod DXers an idea of what to expect, hi. I've calculated the groundwave field strengths from distant stations using the charts in the Night Pattern Book & found that on a quiet day, barring QRM & QRN, the TRF is sensitive down to about 10 mv/m field strength. Any feedback on

(Lockwood) this subject is welcomed. As for poetry, how about LPC saving up submissions & putting out a separate publication at nominal cost; this way nobody pays for something they don't want. Plenty of DX next time hopefully, including some from "The Friendly Village on the Plain", also known as the home of the Tigers, Plainsmen, and the "War Eagles". Prepaid calls welcome at 813-835-2731. 73.

HE LOGS SOME GOOD FOREIGNS INCLUDING WSTX-970

DAVE YOCIS - 85 Vesper Street - Fairfield, Connecticut - 06430 203-335-3370 3/18/79

I've been wondering what the abbreviation "TA" stood for - it can't possibly mean Trans-Atlantic since they don't exist any more, hi! Seriously, first (and likely last) good TA opening came 3/17 with signals from Germany-1593-1539, France-1377-1557, Spain-639-1539, Northern Ireland-1341 (where else on 3/17??) & another German on 801. The only "Dependable" TA of the year was Saudi-Arabia-1521, and that took about four months and some help from other DXers to ID, but I won't complain, hi. Just about all of the above were mainly hets on the appropriate domestic channel; the DX-160 is simply not able to separate a strong signal from a weaker within 10 kHz (and in WNBC's case, about 30 kHz, hi). Some nice LA splits in on 3/10 (including WSTX-970 on 1 kw; the New Member Booklet says the U.S.V.I. are a tough one to log, but this was "armchair copy". All important info is in IDXD. Domestic-wise, the second logging of KRVN-880 in a month, this time w/WCBS on! This on 3/6 @ 12:13am very weak signal looping W w/soft KE mx. From 12-1am on 3/16 & 3/17 on 610 kHz, who carries the CBS Misery Theater which mixes w/Larry King on WIP I think? (L.K. is on WIOD, Dave -ERC) This is the only time I can get stretches of clear audio as WICC-600 slop lets up when they talk a lot during this time. Question to "Mr. Verification" alias ERC: For CBC O&O stations, is return postage needed? And are KE reports to FFCs in good taste? Totals up now to 538/38-plus/8/34. Thanks to FRANK DAILEY & BILL WURTZEL for recent phone calls'. ((The CBC does NOT have the franking privilege as they do in European lands, Dave, so R.P. should be sent, I suppose, but methinks they'd answer anyhow. Some FFCs resent KE; others realize we all don't understand FF - in any case, FF is better (but I use KE, hi) -ERC).

MR. WURTZEL GOES TO WASHINGTON!

BILL WURTZEL - 32 West 31 Street - New York, New York - 10001 3/19/79

I still find it hard to believe that so many people out there read my poetry & enjoyed it. The mail is picking up here, & I have received nice letters from TERRY KRUEGER, Florida; DAN LESTER, Wis., ALLEN LUCKEY, Del., HARRY HAYES, Pa.; MIKE BROOKER, Toronto; ROBERT WIKN, Cal., PAUL MOUNT, O.; DAVE YOCIS, Conn., & ERNIE COOPER, Mass. If I left anyone out, I'm sorry. Cards arrived from MIKE HOPKINS, Tex., & JERRY LEON, Pa. who it seems doesn't understand what poetry is and cannot write it. Everyone received an answer. Sat. 3/17 I attended a meeting of the Washington, D.C. area DXers & met both NRC & IRCA members. I spoke with DICK KIMMEL, TOM WHITE, BILL TOWNSHEND, JOHN ROUSE Sr. & Jr. at CHUCK DOBBINS' home in Bryans Road, Md. I brought two radios along, my 2200 & Patrolman CB-8, & DXed with Bill Townshend's TRF. It performs much better down there than mine does in New York. From N.Y. I heard WQXR, WCBS, WABC, WOR, & numerous stations on all the regional channels. CBJ-1580 Chicoutimi, P.Q. came in w/a nice signal in FF. Albany's WPTR was heard. Wheeling's WWVA was strong, as well as some Philadelphia stations. Many Southern stations came in but I didn't have time to ID any. I stayed overnight by DAN ROBINSON in D.C., getting to sleep @ 2:15am, but having to arise by 8 to catch a train back to N.Y. He writes articles which have appeared in radio magazines. It is truly nice to see how some people will go out of their way to help out someone from out of town. I awoke in the morning to the sound of his SPR-4 w/an SW station on. Dan callibrated my Panasonic RF-2200 onto the right frequency. He really knows radio. On the poetry issue I feel that NRC should open the issue up to the entire Club membership to vote on it before the Convention, by placing a little coupon in one issue and invite members to vote yes or no. If that isn't democratic, what are they afraid of? I want to personally thank everyone who has written in to continue the poetry. It is reassuring to know that people care. I hope to see some of you on Sun. May 20 here in New York at my GTG & open house. Don't forget free dinner, snacks, beer. 73's.

HAPPY NEW YEAR FROM PAUL!

PAUL MOUNT - 35½ West Columbus Street - Nelsonville, Ohio - 45764 1/5/79

Happy New Year - another Muse is being written as my laundry dries. Noting FCC plans to add more stations: As a DXer my feelings are mixed: more stations to hear, but more QRM ("One man's QRM is another man's DX"); as a student who will be looking for a broadcasting/radio job I support it as it means more jobs created. But I do not support the abolition of Element 9 - the broadcast endorsement - I feel that getting the "Third Phone Endorsed" is a minimal effort a person should make if he wants to work in radio. BILL HARDY Tells me how KELA requires jocks to have their FIRST to ensure competent employees. Back in Ohio my first newie of 1979 was WFMJ-1390 on Jan. 3, 11:15pm w/SX, #288 total. 1/4- WONW-1280 on past midnight, log change. The station was called, & info reported. WONW s/off is 12:37, QRM from WKST-rr. WESC-660 4:55pm; "O-S" beacon at bottom of TRF dial @ 4:52pm, heard in daytime only. WGTO-540 w/68° WX, argh, 5:53pm. KOB-770 mike was seen in the movie "Convoy." 1/5- WOAY-860 fair 11:20am, c/w. WGR-550 way u/WKRC 11:25am w/Andy Gibb and "GR-55" promo. WADC-1050 went country 1/1, ex-T-40. WKSD-1470 (ex-WOHY) is Jazz till 10am, then DIS/SOL, meaning a disco record, an SOL record, a soul oldie, then back to disco, per call.

THE NEXT ISSUE IS IN THREE WEEKS. THE PROVINCETOWN DEADLINE FOR IT WILL BE MONDAY, APRIL 23rd. REMEMBER, ONLY ONE MUSING PER MEMBER PER ISSUE, BUT YOU MAY SEND IN MORE THAN ONE AT ONE TIME TO BE SPACED OUT OVER THE UP-COMING ISSUES. PLEASE DOUBLE SPACE! HAPPY DX!

NRC LOG UPDATER

John A. Callarman
1122 Maple St.
Mt. Vernon IL 62864

CALL LETTER CHANGES

ADD ...

p. 178
2-KAMQ-1240
3-KAYR-1060
4-KBBI-1250
5-KBLS-990
6-KCAN-1460
7-KCCW-930
8-KCPS-1150
9-KCRE-1310
10-KDJQ-1510
11-KDLF-1150

p. 179
1-KESE-1240
2-KESY-1420
3-KFLR-1230
4-KGAM-1230
5-KGNR-1320
6-KHAM-1000
7-KITA-1440
8-KJEM-1190
9-KJJR-1400
10-KJLA-1190
11-KJQN-1490
12-KKJY-1190
13-KKOJ-1320

p. 180
1-KLDR-1090
2-KMAY-1570
3-KMZK-1540
4-KNAK-540
5-KNCW-1490
6-KNYO-600
8-KQNK-1530
9-KQXL-1500
10-KQXV-1560

p. 181
1-KRLB-580
2-KRPM-1450
3-KUXX-1470

p. 182
1-KXOA-1470
2-KXVQ-1500
3-WAEC-860
4-WAXO-1220

p. 183
1-WBIO-1310
2-WBML-900
3-WCJL-1300
4-WCPQ-1330
5-WCXI-1130
6-WDCI-1590
7-WDDO-1240
8-WDDW-810
9-WDIS-1260
10-WDJD-1510
11-WDNH-1590
12-WDNY-1600
13-WDRC-1410
14-WDXR-1340

p. 184
1-WEEF-1430
2-WFUN-970
3-WFXI-930
4-WHGI-1050

p. 185
1-WHUE-1150
2-WIIN-1450
3-WJBR-1290
4-WKFA-1330

p. 186
1-WKXI-1300
2-WLDM-1570
3-WLIC-1540

p. 187
1-WNPC-1060
2-WNVR-1380
3-WOMN-1220
4-WPAD-1560
5-WPIP-980
6-WPLP-570
7-WPOE-1520
8-WQIK-1050
9-WQRO-1080
10-WQXO-1400
11-WRML-1470

p. 188
1-WRRD-1330
2-WRTR-1590
3-WSBV-1560
4-WSJP-1130
5-WTKL-1260
6-WTXN-910
7-WVEL-1140
8-WVMS-1570
9-WWBB-1450
10-WWDE-1490

p. 189
1-WWQT-1470
2-WXAP-1230
3-WXKS-1430
4-WYCB-1340
5-WYNR-790
6-WYZD-1560
7-CBKF1-690
8-CBKF2-860

p. 190
1-CBWI-1450
2-CFAK-1240

DELETES ...

p. 178
KAAT-1090
KADI-1320
KAYQ-1190
KCRA-1320
KDAV-580
KDLT-540

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KELR-1460
KGEE-1230
KHNY-1570
KINC-600
KITE-930

p. 180
KKUZ-1150
KLAN-1320
KMBY-1240
KNBI-1530
KNDE-1470
KOKN-1500
KOKY-1440
KOOO-1420
KPAR-1190
KPLY-1310

p. 181
KRCB-1560
KRIZ-1230
KRXV-1540
KSUZ-1150
KTYD-990
KUPY-1450
KUTY-1470
KVOG-1490

p. 182
KWRG-1500
WACQ-1150
WAIL-1260
WAPL-1570
WAUG-1050

p. 183
WCAR-1130
WCDQ-1220
WCMG-1090
WDCL-1470
WDEW-1570
WDHN-1590
WDSK-1410

p. 184
WFPG-1450
WFSO-570
WFTW-1260
WGON-1450
WHAN-930

p. 185
WJCO-1510

p. 186
WKOT-1550
WKVO-1330
WLOD-980
WLOL-1330
WLOT-1300

p. 187
WNOK-1230
WOWW-1380
WPIQ-790
WQTC-1590
WQTK-1300
WQVQ-1430
WRBC-1300
WREO-970
WREY-1290
WROS-1330

p. 188
WSIV-1140
WTUX-1290
WVEC-1490

p. 189
WWEL-1430
WWML-1470
WXAP-860
WZYD-1560
CBDY-990
CBRS-740
CBRY-1340

p. 190
CBUR-1340
CBXB-860
CFNS-860
CFRG-690

7-KQIQ-1320

CREDITS...

Ray Arruda
Doug Beard
Jerry Bond
G. Harley DeLeurere
Marc DeLorenzo
Eric Fader
Dave Faulkner *
Steven Francis
George Greene +
Bill Hardy
Pat Hartlage
Bill Harms *
Wayne Heinen
John Hoogerheide
Dave Johnson *
Rob Keeney
Bryan Lee
Allen Luckey
Steven Miller
Douglas Miske *
Paul Mount
Peter Nolan
Kirk Schneider *
Gary Siegel
Jerry Starr
Randy Tomer
Brian Vernon
Ernie Weselowski

* via IRCA
+ via Paul Mount
Others either direct or Via NRC DX News.

SPECIAL MENTION: Jack Parks, for his thorough, detailed proof-reading work!!!

540 WGTO-FL ch10000
KNAK-UT ex-KDTA Fmt:T40
CBEF-ON Pwr:2500/5000
*CFGA1 New Carlisle PQ
U4 10000/10000 A:
550 KOAC-OR Sch:P:0858-0312
560 KLZ-CO Fmt:CWM
+WFRB-MD CP + D1 5000/
570 WPLP-FL Fmt:NWS/TLK
CKWL-BC Adr: 83, So. 1st Av.
+CHYM-ON CP is for U3
580 +WKJK-NC CP + D1 1000/
KRLB-TX ex-KDAV
WLES-VA p500
WCHS-WV News: 60(6)
CKWW-ON Net: Add BNV, drop NR
590 +WRTH-IL CP + U4 1000/1000
KUGN-OR ZIP:97440 Sch-P:24h
SP:0330-0400 Fmt:
0TLK/3POPp
KLBJ-TX Not KTBC for several years
+KSUB-UT CP + U2 5000/1000
CFTK-BC Net:Add SBN/WIN, Drop NR
600 KNYO-CA ex-KINC
+KIIX-CO CP + D3 5000/
#KARV Russellville AR 72801
U4 1000/500 PO:1490
Box 190 C:0630-0000
dMAG/nT40p xb
630 KJNO-AK Net:delete AKN Fmt:EZLa
640 WHLO-OH Net:N
650 KYAK-AK Net:M/AKN
670 KDLG-AK Pwr:5000/1000
680 KWKA-NM Ant:U3
WINR-NY Sch-E:24h SP:Su0200-
WNYR-NY p250
CFDR-NS PC:B4V 2G8
690 +WADS-CT CP + D3 1000
KGGF-KS NET:add KIN
WTIX-LA Fmt:0T40/19DIS
KEYR-NE Net:APR
CBKF1-SA ex CFRG
700 KBYR-AK Pwr:1000/500
710 KFIA-CA CP is on; Fmt:REL/GOS
Adr:5738 Marconi Av.
Sch:P:0900-0300 NET:UPI
KMPC-CA Fmt: add (TLK22½-1)
KEEL-LA ZIP:71120 Adr:Box 20007
+WEPA-MS CP + is D1 2500/
CKVM-PQ Ant:U2
730 WACE-MA Ant:D1
740 CBRS-BC Delete
750 KMMJ-NE Sch-C:SR-Atlanta-LSS
780 KSPI-OK p250
790 +WTUG-AL CP + D1 2500/
KXQR-CA Nws:60(1½)
CHIC-ON Fmt:DIS/SOL
800 KINY-AK Net:Ac/AKN Fmt: MOR
(delete 21ROK)
CKOK-BC Net: add SBN
CJBQ-ON Sch-E:0530-0108(0015Sa, Su)
810 WDDW-IL Call for Johnston City
820 WAIT-IL Fmt:BFL
830 KIKI-HI Fmt:DIS
840 WXEW-PR Loc:Yabucoa
850 WEAT-FL Sch-E:24h NSP
860 KWRF-AR Zip:71671 Pwr:250
WOAY-WV cr5000
CBRB-BC Burns Lake; actual call was
CBXB, but now is deleted
CJBC-ON Sch:E:0600(0700)-0104(0007)
CBKF2-SA ex CFNS
870 KJIM-TX ZIP:76111
900 WJTH-GA Adr:Box 1119 Net:APR
Fmt:T40 60(5)x
WBML-GA Adr:Box 6298 Zip:31208
Fmt:CWM/GOS
WNYN-OH Adr:1515 Cleveland Av. NW
CHML-ON CP + is on
CJBR-ON Net:Cf (delete LRT)
CJEN-PQ Fmt:F:MOR
910 WTXN-AL Call for LaFayette
* Volga SD 57071 U1 1000/500 C:
920 +WGNU-IL CP + U4 500/500
930 KIUP-CO Sch-M:24h SP:M0200-0800
Fmt:MOR/POP/anTLK (SS Su19-22)
WFXI-FL ex WHAN
WTAD-IL SCH-C:0530-0201(0105)
WBEN-NY Fmt:POP/anTLK 60(5)30(5)
Net:C/UPI/M*
CJYQ-NF PC:A1C 5X8 Adr:Box 6180
CKNS-ON Fmt;CWM SCH: add (24h Su)
940 WMIX-IL Fmt:5½POLp/0TLK 60(5)xb
WCND-KY Pwr:250
WJOR-MI Ant:D3
CJGX-SA Net:BNV
950 KLER-ID Fmt:POP
CHER-NS Fmt:ROK/EZL
960 WAAK-NC Zip:28034
CKWS-ON Fmt:POP
970 KFEL-CO Net:Ac/IMN
WAVE-KY Sch-E:24h SP:Su0100A-0500
WCHN-NY CP + is on
WDAY-ND Net:N/M* Fmt:MORpf/anTLK
KAKC-OK Fmt:MOR
* Spring City TN 37381 D1 500/ E:
CJYR-AB Net:YR
980 +KFWJ-AZ CP + D1 1000/
+WCAP-MA CP + U4 5000/5000
WKLM-NC Zip:28401 Pwr:5000/
+KDSJ-SD CP + U2 5000/5000
990 KBLS-CA ex KTYD GOS(REL:TLK 10-14)
60(5)
+KRKS-CO CP + D1 5000/
WJEH-OH ch250
CBDY-YT Delete -- not just the station; the
whole town has shut down!
1000 KHAM-AR CP is on
+KMLO-CA CP + U4 5000/1000
+WSPF-NC CP + D1 5000/ ch1000
CKBW-NS Net:Add BNV Fmt:C&W/POP
CFLP-PQ Call for Rimouski Net:LRT
Sch-E:24h NSP

1010 KIQI-CA Fmt:DIS
+KKIK-TX CP + U4 10000/2500
1040 KPOI-HI Zip:96813, ADR:741 Bishop
1050 * Tuba City AZ 86045
D1 5000/ M:
KSOH-AR Zip:72205
KBUF-KS Net:Add KIN
WMSG-MD Adr:Box 271
KORE-OR Fmt:REL
+WBUT-PA CP + D1 500/
+WSKE-PA CP + D3 1000/
KPXE-TX Zip:77575
WADC-WV NET:Ac only; Fmt:CWM
54(5-10d)30amd(2½)
CKAL-BC Call for Vernon; PC:V1B 1W3
Adr:8808 Hwy 97 So.
Net:NR Fmt:MOR
CFYN-ON Net:add BNV
1060 +WKNG-GA CP + D1 5000/
and the CP is already on
KFIL-MN Zip:55965
1070 KWEL-TX p2.8
CKST-AB Call for St. Albert
Sch:24h
1080 KANC-AK Net:delete AKN & MB
Fmt:C&W
WKLO-KY Zip:40202 Adr:307
Muhammed Ali Blvd.
+KYMO-MO CP + D1 500/
+WKGX-NC CP + U1(?) 5000/250
1090 KNCR-CA Fmt:POL/C&W
KLDR-CO ex KAAT; Fmt:MOR/INFp
60(5)30(3) Net:delete UPI
*
Umatilla OR 97838
D1 2500/
+WJKM-TN CP + D1 1000/
WISS-WI CP +is on (U3 500/500)
*
Rice Lake WI 54868
D1 1000/ C:

1110 WBCA-AL Fmt:C&W
*
Kihei HI 96753
U1 5000/5000
KFAB-NE Sch: C:24h SP:M0107-
CBD-NB Adr:Hilyard Place, Main
St. (St. John NB!)
1120 KPNW-OR ZIP:97440; Fmt:POL
60(10)30d(5)
1130 * Carrville AL 36078
D1 1000/ C:
WLBA-GA not WNRJ
WKED-KY Adr:Box 445
KWKH-LA Sch:C:24h NSP
WCXI-MI ex-WCAR
1140 KVLI-CA Net:M Fmt:9C&W/13BFL/
19POP 60(5)30(1)x
WVEL-IL ex WSIV
+WKCM-KY CP + D1 2500/ ch1000
*
Salyersville KY 41465
D1 1000/ E:
WAKK-MS p13.5
KATT-OK Fmt:DIS
1150 +KIIS-CA CP + U2 5000/5000
+KBAI-CA CP + U2 5000/5000
+WTMP-FL CP: + Temple Terrace FL
U4 5000/2500 33617
KCPS-IA ex KKUZ
KSAL-KS Net: add KIN
*
Gaithersburg MD 20760
U4 1000/500 (Initial dec.
may be contested)
WHUE-MA Sch:E:24h NSP Net:delete
Fmt:BFL
1160 KSL-UT Drop (Jepko)
1170 KCBQ-CA POPp
*KQKI-LA CP modified to D1 500/
+WJMQ-MA CP + D3 1000/
WAMB-TN CP # is on
1190 KRDS-AZ SCH:M:24h SP:M0300-0730(+1)
KEZY-CA Fmt:AOR

WDZY-FL CP + is on
WGKA-GA CP + is on
KDAO-IA CP is on Fmt:ROL
*
Beloit KS 67420 D3 2500/ C:
KJLA-MO ex-KAYQ Fmt:DIS
KKJY-NM ex KPAR
WJES-SC CP # is on
WAMB-TN delete, has moved to 1170
KLIF-TX delete nets
1220 KIBE-CA p170
+KASY-WA CP + D3 2500/
CJOC-AB Fmt:MOR/anC&W
1230 * Florala AL 36442 U1 1000/250
Box 202 C:
KFLR-AZ Fmt:REL Net:Delete Ac
KGAM-CA Fmt:EZL
KWTC-CA Zip:92311
KBRR-CO SCH:M:0745-0210
KBCR-CO Adr:Box 9048 Sch:M:0800-0210
WSOK-GA Sch:E:24h NSP
KGHS-MN CP + is on
WMOU-NH Sch:E:0600(0730)-0009(2200)
WXAP-SC ex WNOK
KSIX-TX Fmt:BFLc 60(5)30(5)xb
KDLK-TX Pwr:1000/250 Net:UPI(only)
Fmt:POPp 60(5)30(5)
KERV-TX Fmt:POPp 60(5)30(v)b
KLVT-TX dMOR/nPOPs 55(5)x
KGRO-TX CWMa 60(5)x C:0700(0800)-0100
KSEY-TX Sch:C:0630(0800)-2305(2105)
Net:M (only) Fmt: CWMp 60(5)30(5)x
KSST-TX SCH:C:0530(0630)-2330(0100F, Sa)
Fmt:MORp 55(10)30(2)xb
KWTX-TX Fmt:MRKp 55(10)xb
CKYR 1-AB Net:YR
CIYR-AB Net:YR
CJOK-AB Pwr:1000/500
1240 * Leemore CA 93245 U1 250/250 P:
KESE-CA Fmt:EZL
KLOA-CA Pwr:250/250

KDIG-CA Fmt:C&W
KRDO-CO Fmt:MOR/anTLK 60(7)30(3)xd
KSLV-CO Zip:81144
WDDO-GA Zip:31202 Adr:Box 900 Fmt:B:DIS/SOL
KAKE-KS Net:add KIN
KAMQ-NM ex KHHA
WGVA-NY Sch:E:24h SP:M0000-0505
WWWD-NY Fmt:POPp 25(10)
KVLF-TX Net:M Sch:C:0758(0918)-2300(1900) VARs60(5)30(5)bx
KXYL-TX Net:UPI Sch:0600(0700)-0100(0200Sa) Fmt:CWMp 60(5)
KSOX-TX SCH:C:0700(0800)-0000 CWMt 55(5)30(1)
KXOX-TX Net:M(only) Sch:C:0653(0800)-0110 Fmt:CWMp 60(5)30(5)x
KGY-WA Sch:P:24h NSP
CKMK-BC Adr:Box 1210
CKOO-BC Fmt:MOR
CKBX-BC Adr:Box 939 Sch:P:24h
CJAR-MB Adr:Box 2980
CJNS-SA Adr:Centre St.

1250 *KBBI Homer AK 99603 U1 5000/5000 Box 1706
KNCO-CA Adr:212 W. Main St. Fmt:EZL/MOR Net:Ae 60(5)30(5) Ant:D3
+KCFI-IA CP + U3 500/500
WREN-KS Net:Add KIN
+WARE-MA CP + U4 5000/2500 (modified)
+WFAG-NC CP + U4 5000/2500
WZZI-TN p500

1260 +WNRK-DE CP + D3 1000/
WDIS-FL ex WFTW
WTKL-LA Ex WAIL
WNDR-NY Fmt:OLDp
WNOO-TN Pwr:5000/
WMCH-TN Pwr:1000/
CIHI-NB Fmt:ROL

1270 KADL-AR Zip:71601
KSCB-KS Net:Add KIN
KIML-WY Fmt:C&W
CHWK-BC Net:Add SBN

1280 +KFYV-CA CP + U4 5000/2500
KTLK-CO Fmt:DIS 26d(4)56d(4)
WYND-FL Fmt:CWM
WGSO-LA Net:Ai/M* Fmt:EZL/NWS6½-10,17-19/TLK19-20½ & AN
WROC-NW Sch:E:24h SP:M0005-0530
WONW-OH Adr:2110 Radio Dr. Sch:E:0600(0700)-0000(0037 bkb nites)
KBDF-OR Zip:97440
+WYVE-WV CP + D1 2500/
CKCV-PQ PC:G1R 4W7

1290 * Ketchikan AK 99901 U1 5000/5000 P:
+KCUB-AZ CP + U5 5000/1000
WJBR-DE Fmt:BFL
* Anamosa IA 52205 D3 500/ p500
WHGR-MI

1300 +WEZQ-AL CP + D1 5000/
KGLO-IA Pwr:5000/5000
WBLG-KY CP + is on
WKXI-MS ex WRBC Fmt:B:SOL/DIS Adr:Box 9446
+WPNH-NH CP + D1 5000/
+WWCH-PA Return CP + to pending status
WMAK-TN Fmt:DIS

1310 KCRE-CA ex KPLY
KTKR-CA VAR/C&W (SS 17-s/off)
KAAM-TX Net:M Fmt:MOR/POPp
CKOY-ON Fmt:MOR

1320 KLWN-KS Net:Add KIN
WOBL-OH Ant:U4
KATR-OR Fmt:MORp 60(10,15d)30d(10) Net:M(only)
KXYZ-TX Fmt:DIS
KXRO-WA Sch:P:0900(1030)-0300(0230Sa;0200Su)
CKEC-NS PC:B2H 2K6

1330 +KHYT CP + South Tucson AZ 85713 U2 5000/5000 CP is on Fmt:T40p
WFBC-SC Sch:E:24h NSP
KMBI-WA ZIP:99203
WENA-PR CP is on
CKKR-SA Pwr:10000/10000

1340 KDEN-CO Adr:5660 S. Syracuse Circle Net:N/Ai/M
KACH-ID Ant:U1
WNBS-KY Fmt:C&W
KSMO-MO Zip:65560
KWKC-TX Sch:C:24h SP:M0100-0600 Fmt:CWMp 30(5)xb
KHLB-TX Net:M(only) Nws:30(5)x
KLBK-TX Fmt:T40p 55(7)x
KSET-TX Fmt:DIS
KPDN-TX Fmt:MORp 60(5)30(5)xb
KTEO-TX Net:UPI (only) SCH:C:24h SP:M 0000-0600 Fmt:CWMp 60(5)x
KMTI-UT Pwr: 1000/250
CKBR-AB Fmt:CWM
CBRY-BC Delete
CBUR-BC Delete

1350 KAMN-KS NET:add KIN
1360 +WAZA-GA CP + U2 5000/1000
1370 * Albia IA 52531 D3 500/
KIKS-KS Net:Add KIN
WABD-KY CP + is on
+WELV-NY CP + D1 5000/
+KSOP-UT CP + So. Salt Lake City UT 84115 U2 5000/500
* Pewaukee WI 53072 D1 500/
CFOK-AB Net:BNV Fmt:MOR

1380 KCII-IA Pwr:500/
KCNW-KS Fmt:REL/GOS
KWK-MO Zip:63139 Adr:2360 Hampton Av. Sch:C:24h 30an&amd(5)

	WAGS-SC	Zip:29010
	CKPC-ON	PC:N3T 5P8
	CBGJ-PQ	Ant:U1
1390	KLNT-IA	Fmt;C&W
	KNCK-KS	Net:Add KIN
	KFRA-LA	Pwr: 500/
	WFMJ-OH	Fmt:MOR
	WMCT-TN	CP + is on
	CHOO-ON	Ant:U4
1400	WILI-CT	Sch:E:0515(0600)-0205 0400F/Sa;0100Su)
	KAYS-KS	Net:Add KIN
	WCYN-KY	Pwr:500/250
	KCOW-NE	Zip:69301
	KLIN-NE	ZIP:68510 Adr:4343 "O" St.
	WMYQ-MS	Zip:39345
	KJJR-MT	Call for Whitefish
	KVEG-NV	Fmt:CWM
	KNND-OR	Sch:P:24h SP:M0300-0600 Fmt:9MOR:POP/22T40/ 3AOR/6C&W
	WYMB-SC	Zip:29102
	KRUN-TX	Fmt:dCWM/nPOPsf 55(5)x
	KBYG-TX	Fmt:CWMp 30(5)52(3)x
	KUNO-TX	Sch:C:24h SP:M0200-0600 Fmt:S:VARp 60(5)x
	KGVL-TX	dMOR/nT40p 55(5)x
	KIUN-TX	Sch:C:0650(0655)-2300(2000) Fmt:dCWMp/nS:MEX 55(5)b
	KEYE-TX	SCH:C:0700(0800)-2330(2200) Fmt:dCWM/nPOPp 55(5)x
	KVOP-TX	Sch:C:0600(0700Sa;0730Su)-0100(0200Sa) Fmt:POPp 55(5)25(5)xb
	KDWT-TX	CWMs 55(5)x
	KTEM-TX	Net:UPI Sch:C:24h SP: M0100-0700 Fmt:POPp 60(5)x
	KVOU-TX	Fmt:C&Wfp/S:MEX 55(5)xb
	KATI-WY	Sch:M:24h NSP
	CFYR-AB	Net:YR
	CKRN-ON	Adr:30, Murdoch St., Noranda PQ
	CKFL-PQ	Net:Add LRT
1410	WDRC-MS	ex WDSK
	KHOL-ND	CP is on
	WTNR-TN	CP is on Net:Ac Adr:Box 815 Fmt:POL 55(5)
	WIZM-WI	Sch:C:24h SP:M Net:N/M* Fmt:POLp/anTLK 60(5+) 30d(5)
	CKSL-ON	PC:N6A 4E4
1420	KCCN-HI	Zip:96813 Adr:Suite 400, 900 4th St. Mall
	WINI-IL	CP + is on SCH:C:0700-0000
	+KBTN-MO	CP + U2 500/500
	KESY-NE	ex KOOO Fmt:BFL
	*	Renton WA 98055 D3 500/
1430	KNTA-CA	Sch:P:24h SP:M0300-0730
	+WQDI-FL	CP + U2 500/500
	WEEF-IL	ex WQVQ Loc:Highland Park-Deerfield IL 60035 Adr:210 Skokie Valley Rd. Fmt:ETH
	WXKS-MA	ex WWEL Fmt:DIS
	WBRB-MI	CP + is on Sch:E:0600-0000
	WATP-SC	Pwr: 1000/
	KCOH-TX	Fmt:B:SOL
	KLO-UT	Sch:M:0700(0800Sa;0900Su)-0300(0600Th-F-Sa) Fmt:T40
1440	KOPA-AZ	Fmt:T40
	KITA-AR	ex-KOKY
	KVON-CA	Pwr:5000/1000
	+WWCC-GA	CP + D1 2500/
	*	Martin KY 41649 D3 2500/ Box 826
	+WNPV-PA	CP + U4 500/500
	KDNT-TX	Ant:U2
1450	KBFI-ID	Adr:Box X Sch:P:0900-0200 Fmt:POP/CWM
	KWBW-KS	Net:add KIN
	WDXR-KY	ex WPAD
	WMAS-MA	Fmt:DIS
	KEED-OR	Zip:97440 SCH:P:24h NSP
	WJPA-PA	Fmt:add anTLK Sch:E:24h
	KYNT-SD	Zip:57078
	KBEN-TX	Sch:C:0700(0800)-2300(2000) amCWM/pmS:MEX 55(5)xb
	KCTI-TX	Sch:C:0700(1130)-2300(1530) Fmt:MORp (SS;Bl;Czech)
	KMBL-TX	Adr:214 Pecan Sch:C:0645(0745)-2300(1900) Fmt:dCWM/nT40s 55(5)b
	KCYL-TX	Sch:C:24h SP:M2300-0600 Fmt:C&Wa (SS) 30(5)xb
	KSNY-TX	Fmt:dEZL/CWM/POP/nROKs 55(5)x
	KRPM-WA	ex-KUPY
	WWBB-WV	CP is on
	CKYR-AB	Net:YR
	CBF-NF	Pwr:1000/500
1460	+KTYM-CA	CP + U4 5000/500 (Initial Decision; subject to appeal)
	KKOY-KS	Net:Add KIN
	WROC-NY	Sch:E:24h SP:M0005-0530
	KCAN-OK	Fmt:C&W
1470	*	Coalinga CA 93210 D1 500/ Box 375
	+WSRO-MA	CP + U4 1000/500
	WKSD-WV	Net:M (Delete APR) FMT:JAZ/10DIS-SOL 60(5½)30amd(3)x
1480	+KWIZ-CA	CP + U4 5000/5000 (Initial decision; subject to appeal)
	+KLMS-NE	CP + U4 2500/1000
	WLEA-NY	Correct current power is D1 1000/
	WYDK-NC	ANT:D3
	KQLA-WA	Adr:5123 112th St., S.W.
1490	KARV-AR	CP:610
	KGUD-CA	CP is on Adr:3616 Main St., Suite 200, Riverside CA 92501

	KGUD-CA	Sch:P:24h POP 55(5)
	#WYYZ	Jasper GA 30143 U1 1000/250 PO:1580 Box 280 E: Ai/Ac C&W/GOS/T40 60(5)
	WMPX-MI	Zip:48640
	KNOW-TX	POPp 50(5)
	KBST-TX	Nws:55(5)30(2)
	KBZY-TX	Sch:C:0630(0700)-0100(2300) Fmt:POPp 55(5)xb
	KNEL-TX	Sch:C:0700(0800)-2300(1900) Fmt:dCWM/nT40s 55(5) 40(2)xb
	KWMC-TX	Net:M (only) Fmt:dC&W/ nS:MEXp 30(5)xb
	KVOZ-TX	Sch:C:24h SP:M0200-0630
	KZZN-TX	Sch:C:0730-2300 Fmt:CWM/ MORs 55(5)x
	KPLT-TX	Net:M (only) 55(5)x
	KVWC-TX	Net:APR/M Sch:C: 0700(0800)-2300(0100)
	KJQN-UT	Net:Ac Fmt:T40 (SS)
	CFPS-ON	CP is on Sch:E:0545-0111
1500	WTOP-DC	Sch:E:24h SP:M0000-0500
	*	Dallas GA 31032 D3 1000/
	KQXL-LA	ex-KWRG
	+KBGG-TX	CP + D1 1000/
1510	KDKO-CO	Pwr:1000/5000
	KANS-KS	Net:Add KIN
	WDJD-MI	ex WJCO
	*	Troy OH 45373 D3 250/
	+WVAP-SC	CP + D1 1000/ ch250
	+KAGC-TX	CP + D1 500/
	KSTV-TX	CP + is on
	KGA-WA	Sch:P:24h SP:Su0600-1100, occ M
1520	WEXY-FL	correct call, not WEXT
	WPOE-MA	Call for Greenfield
	*	Amory MS 38821 D1 500/
	KYXI-OR	Ant:U4
	WKMG-SC	p500
1530	*	England AR 72046 D1 250/
	WTTI-GA	Ant;D6
	KQNK-KS	Net:Add KIN
	WVFC-PA	ch500
1540	+WJGA-GA	CP + D1 2500/ ch1000
	KXEL-IA	Sch:C:24h SP:M0215-0600
	KBXM-MO	ch500
	*WLIC-TN	call for Adamsville
	KMZK-TX	Fmt:BFL
1550	WMLB-CT	p2.3
	KEDD-KS	Net:Add KIN
	KNIC-KS	Net:Add KIN
	KLFJ-MO	Pwr:500
1560	WSHY-IL	Ant:D3
	KCJJ-IA	Sch:LSS-Bakersfield to LSS-Iowa City
	WPAD-KY	ex WDXR
	+WSMD-MD	CP + D3 25000/
	WYZD-NC	CP is on
1570	+KSRB-AR	CP + D1 1000/
	KMAY-CA	Fmt:EZL
	WGSR-GA	Loc:Millen
	WJES-SC	Delete; is on 1190
	WFBZ-WI	CP is on
	CHUB-BC	PC:V9R 4Y7
1580	Heading should read CANADA CLEAR	
	WSBP-FL	CP + is on
	WYYZ-GA	Pwr:500/ (CP:1490)
	WANB-PA	CP + is on
	KRZI-TX	Pwr:1000/500
1590	KLIV-CA	Fmt:DIS
	WQQW-CT	Net:C/M* Fmt:T40p/anTLK
	WXRS-GA	Adr:Box 1590 Net:GN Fmt:C&W
	+WNTS-IN	CP + Beech Grove IN 46107 U4 5000/500
	*WDCI-ME	Call for Gorham
	WOKX-NC	Fmt:C&W 50(3)20d(3)
	WDNH-PA	correct call for WDHN
	WDBL-TN	Fmt:CWM/10ROK 60(5)U 30(5)Tx
	KERC-TX	Fmt:C&W
1600	+KXEW-AZ	CP + South Tucson AZ 85713 U4 1000/1000
	+WPOM-FL	Delete CP + remains U2 1000/1000
	*	Pittsburg KY 40755 D1 500/ E:
	WIXY-MA	CP + is on Sch:E:24h NSP
	KASH-OR	Eugene-Springfield OR 97440 Sch:P:24h SP:irrM0400-0600v Fmt:ROK
	*	Jersey Shore PA 17740 D1 1000/ E:
	*	Lebanon TN 37087 D1 500/ C:
	+KBBX-UT	CP + D1 5000/
	+WLUZ-PR	CP + U4 5000/5000

QUESTIONS?

630	WQBS-PR	U2 is incorrect; is it U3 as BYB shows or U4 per CRTC pattern maps for CP+?
710	WKJB-PR	is 5000/500 CP on yet, or is it still 1000/500?
910	KIXI-WA	5000/1000 or 1000/1000? Where did 5000/1000 come from?
1000	WKMK-FL	All sources show D1 1000/ Where did D3 5000/ come from?
1110		Which has p17, WMBI-IL or WEBS-GA?
1230	CBON-PQ	Does this exist anymore? Note a CBON-FM in Ontario now
1240	KPPC-CA	SH3 or SH1?
1370	KDTH-IA	CP + 5000/5000 or 5000/2500
1510	WLGN-ON	Power 5000/ ch500 or 1000/ ch250
1530	KQNK-KS	Box 220 or 230
1550	WSHN-MI	Two different sources show CP + D1 780/ also showing antenna height. Surely this is FM & not WSHN-1550???

THERE'S BEEN NO POETRY IN "DX NEWS"

JOHN CALLAHAN - 1122 Maple - Mount Vernon, Illinois - 62864

The only DX I've been able to do this season occurred during the great So. Illinois ice storm a couple of weeks ago. Electricity to WMIX's night XR site was shut off, & I tuned 930, 940, & 950 just after LSS and into the evening of Feb. 25th. Nothing new was added except WLSQ and XEYC on 950, XEYC announcing they are now 1o,000w. It wasn't until a couple of days later, Tuesday, Feb. 27th, I learned that another pesky local daytimer, WMCL-1060 had been off all day Sunday & Monday. They were still off for one available ID break, & WPHC was added. But when I next was able to tune, WMCL was back on. Turning to another subject, I originally decided I would not comment in Musings on "The Great Poetry Issue" because I feel a continuing harangue from the pro's and the con's would be far more harmful than an occasional verse. I was a CARROLL SETH fan in my early days in the Club, & had my first few lines of verse - a tribute to the late spirit-of-the-club, Seth, in 1957. I have studied poetry in college, and can say unequivocally there has been NO poetry in DX NEWS. Limericks, verse, doggerel, etc. don't qualify as poetry! So we're really debating verse, to be semantically correct. I told HQ that I see no harm in occasional, humorous, DX-related rhyme, but if LPC reads the sentiment of the majority of the Club to be that a verse-ban is in the best interests of the Club, I have to support LPC. As those of us who've been in the Club for 20 years or more know, since the Omaha Convention in 1959, the Club has been governed under the principle of 'Those who do the work make the decisions'. From 1959 through 1963, it was the publisher (known as the Executive Secretary), the Musings Editor, & the IDXD Editor who formed the government. After 1968, it has been the local publishing committee, first Boston, then New Jersey, & now Louisville, that's governed. We've had 20 years of experience that has taught us that when the governing body reads the pulse of the collective membership correctly, the Club prospers & grows. When it fails, the Club manages to find ways to make changes, as DICK TRUAX so well put it in the March 19th issue. However the issue is resolved, I support LPC, regardless of whether they decide the issue the way I would, or some other way. NRCers contributing Musings describing their DX activities in the chronological narrative form with personal comment such as (from 3/19 issue) BOND - ZANK - COTTON - ROUSE - HOOGERHEIDE - SCHMIDT - MOUNT - several others - & of course Cooper - provide the best & most helpful reading. I also like to know a little bit about the DXer - who he or she is, occupation, other interests, etc. Musings are the unique, personality feature of the NRC that have resulted in the growth of the Club despite quality competition, and the backbone of Musings is the "Chronological Narrative" report. My best.

REMINDS US OF THE ST. LOUIS CONVENTION

WALTER BREVILLE - 9127 Coral Drive - ST. LOUIS, Missouri - 63123

Here's a tip for "dead" HQ-180's. My HQ-180A went dead as a doornail last week. I was ready to tear into it but luckily it turned out to be a little quirk. The front knob on the clock is a second on-off switch that was loose, & a feather-touch twist on it restored power. The constant snow & cold WX messed up my plans to hit the dials often in Jan. & Feb., the nasty WX caused near-chaos in the Postal Service which resulted in a lot of overtime for me, fatigue & icy roads kept me from getting to the country place. The snow all melted by about March 1, & I finally got back to the mini-beverage to try it out some more. It seems to work similar to a six element FM yagi - definitely enhances reception from the W, signals behind it to the E still come in but not quite as strong, still some reception from the sides (N & S) but not as strong as from the W. For example in the daytime on 1580 I have two nearby 250 watters, WBBA Pittsfield, Ill. 60 miles N, & KTGR Columbia, Mo. 70 miles W. The 30' wire around the cabin yields both weakly with WBBA much stronger. The loop nulls down WBBA but not enough to bring in KTGR for a good ID; switching to the 500' loaded longwire dramatically brings in KTGR at a dominant easy-reading level, & it sure is nice to hop up & down the band without constantly retuning a loop. Latest loggings are mostly oldies but goodies, not newies. 3/6- KSRB-1570, Ark. (250w) s/off 7:15pm, KFDF-1580 Ark. 7:30pm s/off. 3/7- KSOO-1140 clear at 7pm, S.D. is fairly hard to hear in this area. KXXX-790 Colby, Kan. in fair, 7:43pm. 3/11- KPUR-1440 Amarillo peaked well @ 7:55pm. I got one newie MM 3/12, I found WDEE-1500 Detroit ETing @ 4:23am, on first hearing the last three letters I thought I had Riverside, Cal., oh gee, DXE-hi. Looking forward to seeing lots of you here Labor Day weekend, & this is a good chance for many of you to take in TWO Conventions for little more than the price of one by flying to ST. LOUIS on a seven-day excursion discount fare & taking in the IRCA convention in Peoria Aug. 24-26. Ozark Airlines has seven daily flights between ST. LOUIS & Peoria, round trip is $88. Decide & plan early, for the airplanes fill up early that time of year, they strongly urge early reservations. 73.

INSIDE INFORMATION?

STEVEN D. MILLER - Boston, Massachusetts *Vol. 1 No. 10*

Hellow everyone! How's DX? The only good AN new stations I've managed to catch are WBSC-1550 S.C. and a "graveyarder" 3/12, No. 9 that was, get this, very competitive with local powerhouse WEZE-1260. It's WWON-1240 Woonsocket, R.I., 3/13. Thanks goes out respectively to ALLEN W. LUCKEY and MARK STRICKERT for their delightfully informative letters. Thanx, fellas. Well, everyone, the pub staff, er, committee of both clubs are going to be changing with the commencing of the new Volume Year & Number for both bulletins. In the NRC this means that all positions in the Club are available (open!) The position I'm looking into is the editing of RUSS EDMUNDS' "DX Change" column, provided I get my new Smith Corona typewriter in time. While for the IRCA I would try to get a new column started. I'd call it "Articles Articles Articles". I think "DX Monitor" should be published in the Central part of the U.S. and a new "Printer" be found. As far as the competition ratings go the NRC is the #1 MW Club because of the excellent printing job & because the LPC does a "darn!" good job of publishing DX NEWS. Closing: Until the new publishing committee of the NRC comes in, keep up the good work, LPC! That's it for this Muse & "Ye" compiler. 73s & good DX.

HE'S AN EQUAL OPPORTUNITY DXER!

NEIL G. ZANK - 623 Lyncrest Drive - Lincoln, Nebraska - 68510 3/17/79

I have tried to Muse quite regularly this year, & thus I continue now. Please excuse if I have repeated myself from any past MUsing. Veries received include these: WMFC, WJWL, KOKL, WBAP, KOAL, KEDZ, KCUE, KGWA & WCBL. Verie total has pushed to 604 as of this date. And my heard total is now 1,169. Now to some DX reporting - MM 2/26- WINI-1420, Murphysboro, Ill. 1:45-2:08am w/EZL mx, NX-UPI & some WX-relatedclosings; KUKU-1330 Willow Springs, Mo. TEST 2:34-2:48am w/TT, VIDs & TEST mentions under strong KFH QRM; KEYN-1410, Wichita, Kan. noted @ 3am w/ID "KEYN, Wichita, Your Disco Connection", into disco rock; KRDZ-1470 Wray, Col. TEST fairly loud w/TT & a couple VIDs w/strong 1480 local splash. 2/27- KTIS-900, Minneapolis, on ET w/TT & a VID 1:45-2:21am. 2/28- WLSM-1270 Louisville, Miss. on f/c-DT loud for five minutes, then off, 2-2:05am. 3/3- KUFF-1150 Albuquerque, noted for first time with this call w/c/w mx 1:54-2am; KOY-550 Phoenix, re-log for first time in a couple of years 2:25-2:30am w/MoR & WX report. 3/6- WCBL-1290, Benton, Ky. @ SSS in null of KOIL w/c/w mx, F-DJ & commercial spots for re-log & report. 3/7- New catch in KCUE-1250 Red Wing, Minn. 6:58-7:15pm s/off w/Ai net NX & local NX. 3/8- Re-log on KEDD-1550 Dodge City, Kan. on ET 1:23-1:26am s/off w/TT & complete s/off announcement including phonetic call letters. SRS, tentative on WTVB-1590 Coldwater, Mich. heard agricultural NX from Mich. Farm Radio Net, but faded before ID 5:50-5:55am; WSMA-1590, Marine City, Mich. @ 6am w/vocal SSB (sounded like Tennessee Ernie Ford singing) into s/on announcement before fading. The next thing to surface was WGRY NX by M with call letter mentions. 3/8 SSS brougnt WJPS-1330 Evansville, Ind. quite good 6:50-7pm w/MoR, WX, & commercial spots, re-log for report. MM 3/12, I noted KWSU-1250 Pullman, Wash. for first time this season @ 1:55 w/ID by F into cl mx. 3/13, SSS KADL-1270 Pine Bluff, Ark. 7:01-7:10pm w/Mutual NX, race results from Oaklawn Park, c/w mx. 3/14- KTYN-1430 loud on r/c for re-log for report. I seem to be dividing my DXing time among some of my receivers: with MMs & SRS done with HQ-180A, post-midnight weeknights on TRF & most SSS done with ICF-5900W portable. I'm an Equal Opportunity DXer, hi.

HE HAS ARRANGED 77 DX TESTS OVER THE YEARS!

CARL W. DABELSTEIN - 8209 West 78th Street - Overland Park, Kansas - 66204

I really don't care either way on this poetry controversy, but it sure did get everybody sending in Musings, didn't it? Now if we could just find some way to get a similar interest in the CPC! A little DX has come this way since my last Muse: On 2/12 I heard my DX TEST over WJTH-900. Later that day, I logged WXGR-1190, Bay St. Louis, Miss. s/off @ 6:44. Unn KETX-1440 in Livingston, Tex. s/off very good @ 7. KIRA (ex-KOKY)-1440 in Little Rock heard s/off @ 6:45 on 2/14. 2/19 brought several new catches, beginning with WDBQ-1490-TEST. I also got WRGA-1470 Rome, Ga. running AN w/a snow emergency @ 1:30. Later, I logged KMZK-1540, Ft. Worth IDing as 'K-Music' @ 7pm. 2/20 brought the r/c-TT from WBHO-1310 Waynesboro, Ga. On 2/23 I got WINI-1410 Murphysboro, Ill. w/UPI NX @ 11:58pm. Much-wanted KTUI-1560, Sullivan, Mo. (Mo. #116) heard w/s/off on 2/25 @ 6:45. On 2/26 I got both of my DX TESTS, KUKU-1330 & KRDZ-1470. KUKU was very difficult. KFH wasn't as bas as I expected, but WFBC sure was. On 3/1 I got an unID f/c-TTer on 1050 @ 1. The tone was strong & I thought the announcer kept IDing as KLCL, but of course this is not correct. I will try again next month. (KLPL, Lake Providence, La., mayhap? -ERC) From the looks of things, I am about the only one in this area who failed to get a log on my WJWL TEST. Oh well, that's the breaks. I was checking back & found that out of the 77 DX TESTS I have arranged over the years, I have only missed three. Veries to come this way recently have included: KILE-1400, WQBC-1420, WJTH-900, KPWB-1140, KQXV-1560, KMAR-1570, WXGR-1190, WBHO-1310, & WRGA-1470 w/v/l's. PP/c's from KBNO-1220 & WGRD-1410 & a v/r from KMOO-1510. WDBQ-1490 sent a v/q. Totals now stand at 1,992 verified. Only eight more to go! Look out Ernie, hi! Recent visitors to this home have been NEIL ZANK & BOB McCOY of Lincoln. Also I received a nice call from CARL MANN who was in town. 73s for now & DX.

HE'S NEARING #1,200 HEARD

RICK A. CARR - 402 John N. Garner Circle #102 - Austin, Texas - 78753

It's been a while since I've contributed to this section but with the recent argument going on about the poetry, I thought, as a member of the NRC, I should voice my opinion, which is exactly what Ernie wrote about in his Musing (DX NEWS, Vol. 46, No. 19). Really, how many people rwad every single Musing word for word? I usually skip over the poetry but I belisve that if a member pays $15 a year in dues and has the time to write a Muse, it should be printed as is, without being eliminated of any of its contents, except in the case of members quarrelling in their Musing. I read through the Musings and see people writing about what they did on this day or that, what they did this Summer or that Winter. This isn't DX-related, is it? Out of maybe 30 Musings an issue, how many members complained about poetry? Surely not the majority, which is how I thought the Club was run. Total heard now stands at 1,180 with 858 verified. I'm trying for 1,200 heard by March 24th which is my fifth anniversary of BCB DXing. If anyone could help me, please send me very much needed addresses of WRHC-1550 Fla., and WRHD-1330 (ex-WLOL) Minn. Thank you. The past eclipse brought home one sought-after station, KBYE-890 Okla. @ 11:27am ELT. Their signal lasted only four minutes. This frequency is usually if not always, zilch, until WLS fades in early evenings. I would like to commend RON SCHILLER's Verie Game column. With it, I have verified seven or eight long time hold-outs, most with at least four reports each sent in the past. Recent Verie Signers sent to Ernie & CHUCK HUTTON. Oh yes, I drink ice tea and eat an assortment of hard candy while listening in the wee hours. Until next time, buenas nochees from Austin, where the armadillos truly play. (I thought they played in Amarillo! -ERC)

MAY WE HEAR FROM YOU FOR THE NEXT ISSUE? THERE'S STILL TIME - DEADLINE IS MONDAY, APRIL 23.

WSMG-1450 RAN ITS DX TEST IN THE DAYTIME!

BRYAN LEE - Box 69 - Brooklyn, Connecticut - 06234 3/24/79

The week of March 19th turned out to be the WORST week for DXing that I have yet experienced. It seemed all SSS' was non-existant. Frequencies sounded like it was high noon, not sunset. Nothing new heard, nothing even remotely interesting. No chance of going to ST. LOUIS or Peoria for Convention time - unless - one of these many New Englanders who might drive by and pick me up (hint, hint). But that seems far off. I never did reach my goal of 600 heard; didn't even come close - 565 heard to date. I wanted to have 600 heard by 3/26. Oh well, I guess I'll move the deadline up to May 1. Newest catch was WBJZ -620 on 3/17 @ 5:35am w/T-40 mx, many IDs, call-in-and-win promo, fair signal. One interesting note, an IRCA member arranged a TEST a few weeks ago with WSMG-1450 with it to be sked at 3 to 3:30 a.m. But due to a misunderstanding at the station, the CE ran the TEST at 3 in the AFTERNOON! WSMG got a lot of complaints for that, I'm told! WSMG is from Greeneville, Tenn. I have read over the last month's information about collecting QSL's & one of the easiest veries to get is WBAP, I read. I got very frustrated when I read that since I hadn't received mine! Lo' an' behold a FULL YEAR later, WBAP comes in the mail. Report dated 3/10/78, received 3/5/79!! I guess there is still hope for all of my other holdouts. WBAP shattered the previous record for my verie holdouts which was six months by WIP. Verie count is now at 58 with 22 states & four provinces verified. Does anyone else get TWR's "Daily Word"? I just got my second issue. TWR is always sending me something it seems. Too bad the real DX season is over. I'm going to miss it plus I will need time to adjust to the shock of not getting DX NEWS every week! Well, hopefully I plan to go to Cape Cod some time this Summer, and check out some real foreign DXing, so Ernie, if I go I hope to stop by and say hello. Not much else to say so I guess I'll cut it off here. Welcome back to IRCA, ERC! Hi.

IF YOU HAVE WPTR-1540 SPLATTER, WRITE 'EM!

AL QUAGLIERI - Box 687 - Albany, New York - 12201 3/21/79

I thought I'd do my good deed for the month today, so I called the CE of WPTR today for a brief chat. I told him that DXers all through the Northeast were complaining about WPTR's splatter problem, & he said, to paraphrase, "What splatter problem?" He went on to say that the equipment went through a Proof in February, and the results were "Beautiful, a real FM proof." WPTR has been using a new Gates/Harris XR since last year, into their old three-tower system (incidentally, don't expect any more SP's from 1540, as they switch over to their old 1948 G.E. XR during maintenance periods. The only SP's will be unsked and strictly for tower problems,) and are modulating 100% negative and 115% positive, w/a bandwidth out to 15 kHz. They're apparently extremely satisfied with their on-the-air sound, and here's the rub, they say they've received no mention of splatter whatsoever, no complaints to their source! You can bellyache all you want in Musings or in letters & calls to each other but if you don't make the station aware of its long-distance problems, they remain unchanging. (I sent such a letter many months ago, Al & got a reply -ERC) If you care, write a friendly letter (they were very polite and helpful) to: Jim Cruise, CE, WPTR, 4243 Albany St. Albany, N.Y. 12205. And be technical - Jim tended to blame sideband problems on poor RX front-ends & overly-wide receiving bandwidths, even when I told him that many DXers possess state-of-the-art equipment. On other matters, I hope none of you missed the MM 3/19 DX session; CX weren't fabulous, but there were much-appreciated SP's from WABC, WLS, & Clarin (WABC TTed through the night, but I could hear R. Tequeniama through it all). As the Summer months approach, remember that there's still plenty of DX to be had, if you can mentally withstand/tune-out the static levels.

BORED BY OVERDOSE OF POETIC CONTROVERSY

ANDY RUGG - 668 de Gaspe - Apt. 408 - Nuns' Island, Quebec - H3E 1H9 VE2AQP

Veries are WHHO-1320, WXKS-1430 & CHUC-1450. DX has been minimal, for all sorts of reasons (mainly the constraints of apartment DXing). Some N.E. U.S.A. call changes helped fatten my totals. On 2/12, I abandoned a stab at the KQNK-1530-TEST and finally took a log on WJIT-1480 (formerly verified in 1966 as WHOM). At 2/17 SSS I finally snagged WJBQ-1440 seeping through CFGO @ 5:01pm (my old WJAB verie is dated 1962). Then at 5:15 I caught WXKS -1430 topping the channel at s/off (previously veried as both WHIL & WWEL). After 19 years of on-and-off BCB DX, my totals are 1,558 logged and 1,483 veries (a 95.2% return). My job became so hectic that I didn't achieve this season's goal of 1,500 veries. Wait till next year! The passing fad of "poetic justice" has been blown out of proportion. When it first simmered, I strongly sympathized with bardic blitheness. But now, I couldn't care less, and would opt for a return to normalcy. 73.

PREFERS POETRY TO SPORTS NETWORK LISTS

MIKE HARDESTER - CFAO Medical - FPO Seattle, Washington - 98770 3/16/79

I normally attempt to remain clear of matters which have a resemblance of controversy, however, in the current issue of poetry in DX NEWS in Ernie's section, I must support Ernie's side 100%. Now granted that some of the poetry has left a great deal to be desired (I readily admit I'm no poet), however I cannot see the difference between the Musing being in poetic form or in any other form. To quote Ernie (P. 45 of the 3/5 issue) "If an individual is a 'blithe spirit' & likes to send in Musings with a touch of the light side of life, then that's cool with me". To be honest, much of the poetry has been of more interest than some of the Musings which appear in "regular" form! Further, I would much rather see the poetry remain & items such as lists of stations & sports aired over them (e.g., 3/5 issue P. 30) - such info is virtually useless to me & has minimum (milch) interest. So, hopefully the LPC will "see the light" and bring back the poetry...please. Very 73.

HAPPY IN HIS NEW SURROUNDINGS

STEPHEN H. PONDER - 5201 Clearmont - Charlotte, North Carolina - 28212 3/22/79

Hello to all of you from the Tarheel State and from beautiful downtown Charlotte! Well, almost downtown - my apartment is just ten minutes from downtown on U.S. 74 through Charlotte. I feel that I have found a 'veritable treasure trove' here! All these new stations, both daytimers and ANers! I just wish that my duties at the church did not take up so much of my time, but they must come first, right? Anyway, my apartment is very, very interference-free, a quality that I'm well pleased with. Stations just boom in here from many, many states - for example, in the mornings I can listen to the big N.Y. stations (WCBS, WOR, WGY, etc.) Truly this is the DX capitol of the Carolinas! I'll give you a run-down of the portion of the band that I've heard (I just can't hear all of them in one sitting - I'll listen to five or ten newies, then shut down and type out the reports, then the process will begin again, listen, type, listen, type, etc. WGGA/WCEI/WDEM-550, WIS-560, WWNC-570, WKSK-580, WAYS-610, WIRC-630, WZAP-690, WOR/WZOO-710, WOHS-730 WPAQ-740, WBBO-780, WTNC/WETB-790, WKBC-810, WQXE-860, WLBG-860, WGTL-870, WORD-910, WSOC-930, WSPA-950, WAAK-960, WBZK-980 ,WSPF-1000 & WABZ-1010!! And that's just a few of the stations that I can hear here on the band at my location! The TC (Trans-Caribbean) stations really roll in here at the evening hours - I have not really concentrated on them yet, but stations like HILR-860, Dominica-595, & many Cubans are evident here in the evenings. One night I even heard a CBC FFC station on 860! Now, to all you experienced EC DXers, all these might be 'old hat' but to an inexperienced rookie from the Deep South, all this is, well, overwhelming! I have already received two veries for my troubles, WOHS-730 (a station-prepared card) & WPAQ-740 (a nice warm letter). I hope that more are sent my way in the next few weeks. That's all my time, now, so I'll close with 73 & good DX. Watch out for all those Summer storms!

GOING TO MINNEAPOLIS, PEORIA, and ST. LOUIS

BILL TOWNSHEND - 4500 Connecticut Avenue N.W. #901 - Washington, D.C. - 20008 202-966-8046 3/26/79

It looks like Spring has come here to Peanut Town. Sunday 3/18 was super with sunshine & 70°. On the preceeding night, CHUCK DOHEINS hosted a DX GTG at his Marshall Hall (Bryan's Road), Md. pad, halfway between Indianhead Highway (the road to the Naval Powder Plant) and the Marshall Hall Amusement Park in the riverfront in Charles County 34 km SSW of the Capitol (The park was the "Las Vegas of the Potomac" until mid-1968 when the one-armed bandits were removed under state law). Among the 18 there were NRCers JOHN ROUSE Jr. as well as his dad (I stand corrected, John Jr. is in NRC), Bard BILL WURTZEL from Fun City, RICHARD KIMMEL (WA3OWN), TOM WHITE (it was his albums that landed in the gutter with minimal damage after Rouse's GTG), and Yours Truly. DXing here is on the downturn, only five newies in the last three weeks despite many SSS sessions: WCOB-1080 3/7; KQYX-1560 (first Western daytimer heard here) 3/7; WCAW-680 3/14; WTHB-1550 3/20, WJGA-1540 3/23. We had some T-storm QRM here last Saturday afternoon at 4:15, ending two days of 70° WX. I don't see why all of this brouhaha is being made about poetry in DX NEWS. Poetry is OK in DX NEWS as long as it is DX-related. I think HQ should rescind the ban on poetry (I haven't written a poem since college days around 1950, though). I bet a lot of static will be raised at the convention in ST. LOUIS this September over this issue. Here is one AYE vote (if poems are DX-related) if the matter comes up for a vote by the membership. I'm planning to make the ANARC convention in the Twin Cities this June (my reservation form came today); I hope to see some of you there as well as at the IRCA Convention in Peoria (Venice, hi, in view of the snow-melt and rains - I hope JACK CLEMMER isn't flooded out) & of course, the biggie at the mouth of the Missouri River. I tried for WKNX-1210 last week but was nixed by NSP post WCAU. 4, 470, 115, 461, 512, 684, 340, 891, 257, 138, 125, 51, 110, 76, 800, 700, 282, 905, 15, 819, 80, 92, 370, 422, 104, 67, 183, 317, 16, 903, 680, 000, 000, 000, 000, 000 (that 73 factorial) and good DX de WPT.

CPC WORK IS ROUGH

JERRY STARR - WSHD Radio - 401 North Blaine - Youngstown, Ohio - 44505

Just a short note that the WCVS-1450-TEST credited to me in a recent DX NEWS should have been credited to MARTY WRIGHT. Marty mistakenly sent the info to me instead of HQ & I called Louisville with the info. Evidently since I made that call, LPC thought I had arranged the TEST. Let's see that proper credit goes to the actual arranger, Marty Wright. Yours truly had a typical CPC effort - 20 contacts, 11 non-replies, seven no's & "we'll let you know's." I know how you CPCers feel, it can definitely be discouraging. Oh well, press on, regardless. This will probably reach print after Easter weekend, so we hope you all had fun at YAD! 73 & good DX.

VISITING HIS NATIVE LAND

RICHARD CLARK - Box 273 - La Vega, Dominican Republic 3/22/79

I am in Pittsburgh, Pa. in which I am very happy to come back to the USA. You know, it's really great to turn on a radio and listen to good c/w music and no usual merengue or salsa music! all over my radio dial! I hate that music and I have to wait until 1 a.m. for the U.S. stations to come in. I must say all Dominican stations will go off the air on Good Friday, in which I planned to DX on top of Mount Cudey for hope of new DX records. Right now I plan to go to Haiti in two weeks in which I'll have a car to visit other towns for new DX stations. My wife has been doing BCB DX since I have been strong on the TV side the past few months. For now, 73s.

AS SOON AS YOU GET BACK FROM YOUNGSTOWN, PLEASE SIT RIGHT DOWN AND SEND US A MUSING, THE DEADLINE FOR WHICH (IN PROVINCETOWN) IS MONDAY, APRIL 23rd. PLEASE DOUBLE SPACE!

TP'S ARE PLENTIFUL

HANK WILKINSON - 5028 Mainden Lane - Santa Rosa, California - 95405 3/27/79

Results of TP DX from 3/9 through 3/26: 3/9-5DU's and two Japanese, plus a logging of KUMU-1500 in Hawaii. 3/12- Five DU's and VQ0-1026 in Solomon Islands from 4:21 to 5am, EST. 3/14- Four DU's & one Jap. NHK Powerhouse gives news in EE at 5 a.m. 3/15- No DU's heard, just two Japanese. 3/16- 2YC-657, 2BL-702 were fair. JOIB-747 was good. 2ZK-765 was very good from 6:15 to 6:40am. 3/19- Tonga-1017 & 2ZB-1035 were good from 3:31 to 3:58am. 3/20 & 3/21: TP CX were very poor. 2BL-702 & 1YA-756 were barely audible. 3/23- Not much better: 2YC-657, 1YA-756 & "old reliable" 4BH-882 were weak. 3/24- 1YA-756, 4RK-837, 2BL-702, 2BY-657, & 4BH-882 were better between 6:46 & 7:06am. 3/25- TP signals still poor. 3/26- 1ZD-1008, 2ZB-1035, 2YC-657, 2BL-702, 1YA-756, 3GI-828, 4QB/4QO-855, 4ZA-864, 4BH-882, & 2CY-846 were quite good from 4:50 to 7:02am. 4BH, 1YA & 2BL were at room volume. 2CY was logged for a new station report. Down-Under veries received since Sept. 1 are: 4BH, 2BY, 4QL, 2BL, 4QA, 7HO, 2GN, 2ZB, 4ZA, 1YA & 3ZA. I have also received two veries from South Korea and one from Japan. This has been a fine DX season - thanks to the SP-600, the Sanserino Loop, help from CHRIS MARTIN, HARRY WEATHERLEY & JOHN ALLCHIN (of "Down-Under" land), and, of course, being retired! Good health to all.

ECLIPSE DX

BILL HARANG - 811 Nevada Avenue - San Jose, California - 95125

The recent solar eclipse provided some of us DXers an inside look firsthand as to what radio CX were really like during an eclipse. No longer are we to base it solely on the theories & the guesswork of others. Our own personal experiences should be an overriding priority. The peak of the eclipse was about 88% in the SF Bay Area. While the previously predicted effect of eclipses on radio CX may have been greatly overstated by some, they may have been greatly underrated by others. I was listening to the Art Finley talk show on KGO-810 one night when one guest on his show said their would be no effect on radio reception at all because it would be the same as putting a radio under the tree in the shade. Thus, these were the reasons he gave for believing there would be no difference in radio reception. Well, I largely disagree with him as probably a lot of you do. Myself, personally, during the eclipse, I noted that reception from Southern Cal. was good. XEGM-950 was stronger than KFRE-940. KMPC was in excellent wiping out KFIA-710. KMPC had a report on how their sister station KEX-1190 was preparing for the eclipse. I didn't want to sit too long on any one particular frequency because I wanted to see what was on the rest of the dial at various stages of the eclipse. While KOMO seemed to be helped by the eclipse (better at 8am PLT than at 7:30am), KIRO wasn't helped when I tuned in although BOB WIEN noted them in better later. KTAC-850 & KIEV-870 were in good on both of their respective frequencies. KHJ-930 was about equal to KFRE-940. KROW didn't put too many dents in KDON's signal on 1460 as it has done many times in the past on SPS & SSS. 1240 was a generally solid KMBY. 1190 was too slopped up here to notice for sure who was in, whether KNBA, KEZY, or KEX. A very weak KTWO-1030 was noted. KING didn't put up any of a really significant battle w/XEPRS. KYTE was dominating 970. The next day after the eclipse at the approximate same time period, KFIA was pretty much alone on 710. KIEV, XEGM, & KOMO were in very poorly. KTAC wasn't even in there at all.

IRCA'S PUBLISHER CHECKS IN

DON KASKEY - 465 Burnett Street - Apt. 1 - San Francisco, California - 94131

Long time no Muse & mostly it's my fault. Unfortunately there hasn't been much DX coming my way since a location move last August. New locale is blah for DX. Also watching our son grow for the past 15 minths has taken a lot of time I used to use for DX activities plus another DX related job I won't go into just now. However I continue to enjoy DX NEWS & feel the product is looking better & better all the time. My hat is off to the editors and the LPC for an excellent job. About the poetry controversy. I'd like to suggest that everyone involved stand back & view it in a more proper perspective. The inclusion or exclusion of poetry very likely will not affect the prime objective of DX NEWS that of disseminating DX info to the members. Most likely nothing would ever have been said regarding poetry had moderation been applied to its use. Personally I enjoyed the short one-time short rhymes/limericks by various members but found the lengthy weekly contributions to be quite a drag. (No, I didn't complain to Louisville, hi). On the other hand I can't buy the "takes up too much space" reason forwarded by the complainers. Most likely the only real reason for complaints was that the individual didn't like the poetry. At any rate the pros & cons on the matter would appear about even. LPC had to take a stand one way or another & make a decision (any decision here would be criticized by one side or the other) so let's back them up & drop the matter. On one more item noted in DX NEWS - the dictionary definitions of publisher & editor do not necessarily apply when it is the editor of a column compared to the publishers of the bulletin who would have their own chief editor whose responsibility would be to edit the entire bulletin, therefore having the final say. Or at least that's how I assumed it to work in NRC. I've never been informed or never asked anyone for that matter. By far enough non-DX chatter for one Muse. 73.

HE HAS A HORRIBLE DX LOCATION

TIM KERFOOT - 189 Cedarvale Avenue - Apt. 505 - Toronto, Ontario - M4C 4K1 18/3/9

I have been pretty inactive since last Muse - no new stations have been logged at this horrible DX location, but it is interesting to note the good reception to the NE at times. CKBM-1490 often booms in here, as do many stations in P.Q. & upstate N.Y. Sometimes WCSS-1490 is the only audible station on that frequency! It must be because my apartment faces E. However, TVI here makes evening DX impossible, & Mus are pretty well out unless I want to be falling asleep all day at work. One verie has been received, WESB-1490. 73

DID KSL MAKE A BOO-BOO?

BILL HARDY - 2301 Pacific Avenue - Aberdeen, Washington - 98520 3/27/79

The garden business is now into its annual busy season (March-June) leaving me too tired to DX much even on my mornings off. But I did get to the dials SM 3/18 and found KVI-570 not audible @ 7:50am leaving 570 fairly open. KLUB-570 ended "Club NX" at 7:59am w/Salt Lake City WX. Turning the loop brought in a Canadian giving "C-K NX" 8:00-8:04. Lots of British Columbia stories, & I think the announcer said "Columbia-Kootenay WX" @ 8:04. TC's were MST. All indications point to CKKK Cranbrook, but with another "CK" on the channel (CKWL) I'm leaving it as a tentative. 8:56:50am a talk show suddenly popped on in progress, ending @ 9 w/KVI ID. I presume KVI was testing some kind of low-power AXR, since KVI's day & night facilities are both 5kw ND. KVI could have been the weak unID talk u/KLUB & the Canadian around 8am. Oddly, KLAC was not heard although they are not regular. One final note from 3/18, KCNO-570 s/on w/no anthem @ 8:58, giving the usual s/on details, & into Ai NX @ 9 u/KVI. Tues. 3/20- 7:59-8:06am I logged the new CKAL-1050 Vernon, B.C. atop XED. This one had "C-Kal" NX 8-8:05, ending w/"Okanogan WX". "C-Kal" didn't spell out its call letters either, but this is much more positive ID than "CK" on 570. Don't Canadian stations have to ID any more, hi? 3/25- 6:25am I noticed KPOI-1040 giving "all oldies radio" w/50's & 60's rock rather than their former album-rock programming. 3/26- 4:01-4:16am, the KORE-1050-TEST for GWDXA boomed in, as expected, w/ IDs & TTs. At 4:16 I moved to 1530 but no WTHM TEST, just static & KZAM-1540 splatter. And that's all the DX to date. I've decided not to comment on the FCC's Clear Channel Proceeding, because (1) my feelings seem to be counter to the feelings of many in the hobby, & (2) the government seems to ignore me & do what they wany anyway, so why waste my time, hi. I think it's interesting how many clear channel stations are screaming about things that probably won't happen. I suspect the FCC will use the 750 mile limit rather than the 100-mile daytime contour. Plus, WQXR-1560 is not a 1-A clear & thus is not involved in this proceeding. One 1-A station, KSL-1160, that had a claim to a loyal audience beyond 750 miles, may have blown it on 2/10 when they decided to drop the Herb Jepko Show after 15 years on KSL. Herb is still on WBAL-1090 back East, but in Salt Lake City is now on KWMS-1280 w/500w at night! That's enough for now, 73 & good DX.

WELCOME, WAYNE, TO THE NATIONAL RADIO CLUB!

WAYNE W. MOSELEY - Box 1349 - Crestline, California - 92325 714-338-4396

New member, first Muse, and needing guidance in a few areas. That, later; first, the history: I started at age 12 in BCB listening near Schenectady, N.Y. I committed atrocities like tearing Grandfather's old radios apart to unwind honeycomb coils for the wire! I switched to SWLing, later moved to Arizona & lived two years in Northern Argentina (Santiago del Estero, Cordoba, Mendoza, Resistencia). I'm presently settled in California on a mountaintop at 5,000' (good DX, low noise). My son Howard, 12, rekindled BCB listening fire. I use an HQ-145-X RX, 110' windom. Antennas & front end amps, and tuners are my special interest. DON ERICKSON, local BCB "magic man" steered us toward NRC - great guy! He taught us how to freeze to death in February MM in 29 Palms on the three Beverages there: E-W, NE-SW, SE-NW. We heard WCAU-1210, WHAM-1180, WCBS-880 on them, my best EC yet. They said it wasn't working good that night, but I was impressed. Now, request for help: I'm trying to log LV7 in Tucuman, Argentina (or any Argentine station). My wife is from there, her father was an announcer at LV7. Any tips from experienced LU listeners? My location will allow a 500-600' LW NNW-SSE but would be on a mountainside running at a 45° angle down the mountain - anybody tried sich a tilt on a long-wire? Next, what's ELT, GWDXA? - they're not in abbreviation directory. (ELT: Eastern Local Time, EST or EDT in other words--GWDXA is a DX club, I'm not sure myself, hi, what its actual name is! -ERC) Note to ALPHONSE TOBIA: KDIG-1240 is new call of KBON in nearby San Bernardino w/a new c/w format. KBON is now an FM (104) in Lake Arrowhead (da). Well, regards to you readers & all those who work to put DX NEWS together. I enjoy it immensely. 73's & good DX.

SNOWY, BUT PLEASANT, WINTER

KEN ONYSCHUK - 239 Fir Street - Park Forest, Illinois - 312-748-9419 3/26/79

I thought I'd better Muse again, I guess. MARK STRICKERT's told everyone enough about our Winter, so why go into more? 89.5" of snow to date. Very little DXing here; just listening for pleasant WX reports. I hope some of you had a chance to read the excellent articles about Chicago AM-FM radio stations in the Chicago Tribune's Sunday magazine on 3/11. I'll save a copy for the Conventions. I really like Gary Deeb's column in the daily Tribune. He's a top-notch AM-FM-TVcritic, & really keeps his readers up to date on the local scene. My views on poetry; if it's humorous, I read it. If not, I ignore it. Otherwise I have had an enjoyable Winter following my favorite sports highschool BKB & wrestling. Despote the weather & car problems, I did get to see at least ten games this season. My Alma Mater, Homewood Flossmoor, finished 22-5, while BRIAN SHERWOOD's school, York, was 20-7, though in a different league, of course. Otherwise, I heard WEMP-1250 carrying the Milwaukee games of Women's Pro-BKB. Our Hustle was on 92.7 FM. I couldn't pull it in up here. I get a week's vacation in late April & I hope to get to Davenport, Ia. & Milwaukee for a visit. I've got to go for now. I want to thank everyone for making such an interesting DX NEWS this past Winter, a professional job. Keep it up.

HE'S 120 MILES FROM THE NEAREST ALL-NIGHTER

GARY HOUDEK - Munden, Kansas - 66959

Here is some info that might be of interest to DXers. On Feb. 12 at 1:40am WHQM-1480 Memphis was broadcasting church news & the address where to send church news.

(Houdek, con'd.) This was repeated over & over again until about 2:02am. That same morning at 2:46am I was turning the dial to 920 when I heard "Milwaukee, Wis. testing w/5,000w of power". Report sent, and on my v/q from WOKY the engineer wrote that he was testing the standby XR. On March 12 I heard various tones on 1210 from 3:45-4am, good signal, then ID @ 4am "WCAU, Phuladelphia". March 19, I was surprised to hear KLIZ-1380 Brainerd, Minn. w/NBC NX & ID @ 3:30am. Varies received include a card from WDBQ-1490-TEST, letters from WTAE-1250 Pittsburgh, & KQNK-1530-TEST. I think clear channel stations are needed in Kansas. The closest 24 hour station to me is WIBW-580 Topeka, Kan. about 120 miles from here. To the West my closest station at night is KOA Denver which is about 430 miles. Any poetry is OK as filler material and in the Summer issues when there is not much DX news.

LOTSA GOOD DX- AND THAT'S NO BULL!

TOM BULL - 2544 Naylor Road S.E. - Apt. 202 - Washington, D.C. - 20020 3/28/79

You say you can't beat Murphy's Law? I say unto you, balderdash! Murphy's Law clearly indicates that if a weak unID station has TT under a 50kw station's TT, that the weak unID will give an ID & s/off whilst the 50kw will give his ID immediately thereafter, thus the unID remains unID. Bah. 3/25- 1:20am, WKCM-1140 Ky. IDed,folo by WHVA, Va. ID. So there! Course, it pays to be lucky, I suppose. 2/28- 2:10am, WKBW-1520 N. Y. in OC, normal @ 2:59am. 3/1- 6:15pm, WSFD-1280 Del. s/off, M, (?? -ERC), no SSB. 6:47pm, WKNE-1290 N.H. w/promo for Celtics & Bruins. 3/2- 1:18am, KTVS-960 Mo. in f/c w/ F doing voice-over ID, best signal from them in ages. 3/3- 2am, 1390 superpest WEAM, Va. noted off; 5:59am WKLP-1390 W. Va. s/on; 6:09, WEAM into OC, returned to RS @ 6:10, no explanation. 6:15pm, WANT-990 Va. s/off by M, no SSB, best music in Central Va. 3/5- Checking 630 per tip from BILL TOWNSHEND reporting WMAL in PoP thing - I spent the night there, only came up with the Cuban pest & @ 12:16am I did catch M in FF, possibly CJLA, but the Cuban ruined the night for us, 3/8- 6:15pm, WMPM-1270 s/off. 3/11- HNL here going West; 1040 @ 2am, SS mx, R. Merida ID by F. 3/12- 12:28am WVFC-1530 Pa. ending ET; no sign of KQNK, Kan. KFBK Cal. in @ 2. 3/13- 1:45am, to 2:18, unID tester on 1580, words "testing" twice, possibly left mike open, said bye-bye, then gone - who he? 3/15- 1:56am, unn WIBV -1550 Ky. ending ET; 5pm, newie WJIC-1510 N.J. w/xta bk (??-ERC) 6:09pm, 1520, unn WCHX Pa. in like Gang Busters, still good @ 6:13 s/off. 3/16- 2:41am, 1580, unID TT & again on 3/17 @ 8:19pm. It's getting to be a habit. 3/19- 2-3am, 1210, few good IDs from WKNX, Mich. TEST, report sent. I forgot one- 3/13, 4am, KFI-640 Cal. w/best signal I've heard in ages. 3/18- 2:15am, WHKL-910 N.Y. in ET. Also 3/19, 12:04am, WHWH-1350 Ga. ending f/c, good ID for taping. 3/21- 6:31pm, WKYY-1420 Va. s/off, no SSB. 3/26- 2:12am, unID M giving time as 12:12am, drat. (what frequency, Tom? -ERC) 3:17, on 1530, beautiful R. Accion ID; no sign of KORE TEST, so I settled for WCMS, Va. ID : 3:57am on 1050. We close with 3/27, 1530, 6:26pm, WBCW, Pa. station break by F. Figures - Jeannette, Pa.! Thassit for this season. As always, take care!

VERIES ROLLING IN

RAY ARRUDA - 47 Burt Street - Acushnet, Massachusetts - 02743

It's been a few weeks since I checked in, so here's what's been going on. Firstly, per v/l, WHET-1330 will change calls May 1 to WDLW. Some of the better DX of March includes: WARR-1520 noted briefly 3/7 @ 6:15pm s/off folo by WTGR-1520 S.C. L&C to 6:30 s/off, with no sign of WKBW. 3/9 brought WANN-1190 way u/WLIB 6:07-6:13 s/off w/NX, WX, promo for Hoppy Adams Show. At SSS 3/10, WYNX-1550 noted atop CBE w/detailed s/off announcement 6:43-6:46pm. MM 3/12: Stations noted off in pas ing were WPTR-1540 (back by 1:00), WTIC-1080 @ 12:09 & WPEN-950 @ 12:51. Many unID TTers noted this morning. WNOE-1060 @ 1:42-1:55 was in well w/mx, IDs & contest promos in CJEP mull. MM 3/19: WKNX-1210-TEST heard & called, but unn, so thank you card sent. WGMS-570 noted on ET 1:05-1:18 w/ varying TT/OC/ID w/WMCA silent per ELLIOT STRAUS' phone tip. WYJZ-860 w/varying signal on ET/mx/OC 2:32-2:55-plus w/ID @ 2:53. I blew MM 3/26 as I slept through 1 a.m. alarm. Varies are back from WGMS-570, WAVS-1190, WANN-1190, WKNX-1212-TEST, WESX-1230, WHET-1330, WEAM-1390, WARR-1520, WRBX-1530 & WYFA-1580. Totals are 1,183 heard with 768 of these reported (including f/ups) & 690 varies for a return rate of just under 90%. One of the nicest things about being in the NRC is how a fellow DXer will go out of his way to help others. I doubt very much if I would have varied WAVS-1190 if it wasn't for ELLIOT STRAUS. Also, thanks in this area to KELLY ANDREWS, KARL JETER, RON SCHILLER, & those who support ERC's Varie Signers column. For all this help, I'm grateful. 73.

MATCHCOVERS, ANYONE?

RON B. SCHILLER - 7657 La Bolsa Drive - Dallas, Texas - 75248

I haven't reported in so long, I'm embarrassed! I can only plead the age-old excuses of being busy, being self-employed and with my other hobby of trading matchcovers with other assorted matchcover addicts across the land! If any NRCers are interested in such, write me, I find it quite infectious! Few recent varies are: KMA-960 WHBN-1420, KPOF-910 (still the sister station of N.J.'s WAWZ, Zarephath), KQXI-1550, TGW-640, KBOR-1600, KOKY-1440 & KIMN-950, first heard back in N.J. about two decades ago. Speaking of New Jerkey, a special NRC welcome to JIM REILLY whom I grew up with in that state's Avenel back in the50's! There's really no DX to report, so I'll comment on the "poetry" controversy; though I got much the fill of the (real) stuff as an English major in college, I think Mr. Cooper, et al have a "poetic license" to report whatever they choose as long as it is DX related, whether in prose or poetry! 73.

PLEASE PUT YOUR NAME AND ADDRESS ABOVE YOUR MUSINGS WHEN YOU SEND THEM IN - THANK YOU!

LOTS OF GOOD TWILIGHT DX

GORDON L. ANDERSON - 7706 Berchman Drive - Dayton, Ohio - 45424 KIQ1945 KA8ECD

Hello from Dayton, & in a few months, Huber Heights. No, I'm not moving, just our township will become a city of its own. It's been a while since I've brought light to these pages, and much has happened. I now have a novice license, I usually listen to 28160 kHz since I have antennas for operation in that area. I have not been on much & I'm slow in copy dep't. Rig is Drake TR7/DR7 with an aux prg board (?? - ERC) for 0 to 1500 kHz, so I can use it for DXing. With digital readout and crystal filter @ 2.3 kHz, it is some step above my Sears RX, but I still get splatter. I've been employed at R. L. Drake since 9/5/78 & enjoy the job. Has anybody heard from KNIX, Ariz. & KPAR N.M. (now under new call) from their TESTS last Spring? I've written twice to both even sent a tape to KPAR. They are much needed QSLs for me. Hopefully I will draft a letter concerning clear channels and radio interference and sendit to a few higher-ups; and maybe send a copy to the Club. Some slightly stale DX items. Has KDKA Pa. gone NSP? I noted them AN w/talk show 3/12. Stations received: 1/27- WSBP-1580 Fla. @ 5:59pm s/off; WESY-1580 Miss. @ 6:15 s/s/off; KTLU-1580 Tex. @ 6:44pm s/off. 1/29- KLTR-1580 Okla. at 6:44 w/s/off. 2/4- WMOP-900 Fla. @ 6:15pm s/off; WATV-900 Ala. @ 6:25 w/s/off @ 6:30pm. WGOK-900 Ala. very strong 6:31-6:44, no positive ID till 6:45 s/off when they were very weak, noted on till 6:50 on 2/5. 2/5- KHDZ-900 Ark. @ 6:59pm s/off, WJWL-900 Del. @ 12:54 am, not enough for a report though. 2/20- WSUI-910 Ia. @ 6:58pm. 3/1- Roseau, Dominica 595 @ 8:51pm; ZIZ-555 St. Kitts @ 9:42pm. 3/4- KPBC-1040 Tex. @ 7:58am w/ID, s/on usually @ 7:45, came through during WHO's SP. Totals received all locations, 796. From Dayton area, 557. From 41 states, D.C., five provinces, three Mexican states (RE), Dominica, Netherlands Antilles, St. Kitts & Belize; and hard to number Spanish locations, at least three in SA. QSL total is holding at 99. All for now, maybe I'll get some time to DX.73s.

JOE SCORES 42 TIMES!

JOSEPH W. BRAUNER - R. D. 1 - Box 153 - Punxsutawney, Pennsylvania - 15767 3/19/79

Time to wind up another season, DX is just about at a standstill here. Nothing new since 2/15 except CFYN-1050, @ 5:55pm on 2/16; CFLP-1000 covering even WCFL @ 5:35pm on 3/4; WFTP-1330 @ 3:25am on 3/5; WTNK-1390 w/r/c-TT @ 2:05am on 3/8, WAMG-1130 while trying for WCXI @ 6:51am on 3/9, & WCXI-1130 @ 7am on 3/10. WCXI brings to mund WCX who back in 1928 shared 690 & 5kw. with WJR. The '78-'79 season added 42 new calls to the log, five on Club TESTs, four on f/cs listed in DX NEWS, the rest via RS, largely on 38S, only two on SBS. I checked CX during the Eclipse, just about the same as MIKE TUGGLE reports in #2L so overcast here that change in daylight was barely noticable. Too much has already been said about non-DX in DX NEWS, DICK TRUAX & PETE TAYLOR say just about everything worth saying about it, hi Pete! My vote is AGAINST all non-DX in DX NEWS-poetry, "sermons" and comics. My standard is "Is it informative DX material?". If not it don't belong, regardless of its worth otherwise. If the publishers permit one non-DX topic they should permit all and with 700 members the result could be a real problem. Rather should we tip our hats to LPC for the great job done in holding down dues to $15. Yes, 15 bucks is still money to a few folks. DX NEWS was created for one main reason; let's keep it that way. There is a lot of reading material available on poetry, etc. - read it. Anyone bored by "DX reports" shouldn't be reading DX NEWS. Not that I oppose the little "personals" most use in Musing - they belong and from them one gets to 'know' the Muser. Only a handful (four fingers & maybe a thumb) of Musers have gone overboard on this non-DX stuff. I also am "anti" on blocking the few clear channels with more junk peddlers - extend the band but do leave a few clears. Aye, I'm even anti-DX (between 8a.m. and 4 p.m.). 73, and have a fun Summer.

VISITS WNFL-1440

T. J. CIESLEWICZ - Box 104 - Denmark, Wisconsin - 54208 3/24/79

Since my last Muse was way back when,an intro is in order. The person who DXes in my shack is 17 years old, a senior at high school and is planning for some type of media carrier. I started twisting the dials back in 1976 & have been DXing heavily on & off since then. Other interests include road trips, 50's rock-and-roll, debating controversial issues. About the poetry controversy; I am pro-poetry but there should be a ten or eight line limit to it. I believe that poetry is a good change of pace from your average Musing, but having the whole Muse in poetry can get tedious. My recent discovery of DX TESTs and frequency checks have out the fun back into DXing for me. This has gotten so bad that I am actually contributing to the DX NEWS. Can anyone send me info on how I can fix up my box loop so that I can deepen the nulls on it? This would be greatly appreciated. I had a recent trip to WNFL - I had a tour of the station and talked with the CE & he does answer reports of reception but is not overly enthused about it. Their XR is a 1950's vintage Collins. They are constantly modernizing the station and expect to get a new transmitter within a year or two. The overall station operation seems to be pretty professional. Their next transmitter they plan on getting will be an AM Stereo model. He also commented on the proposed breaking up of the clear channel stations. He is against it because he doesn't think that the people in outlying areas will be served as well as they are now. The tour was pretty interesting. I'm at the bottom of my paper so 73 from TJC.

REMEMBER, THIS IS THE LAST ISSUE IN WHICH WE'LL BE CARRYING EITHER PROS OR CONS ON THE POETRY ISSUE. EVERYONE HAS HAD PLENTY OF TIME TO SPEAK OUT. NOW, LET'S MAKE SURE THE SUMMER ISSUES ARE WORTH READING - SEND IN YOUR MUSINGS, BUT PLEASE OBSERVE THE DEADLINE DATES - ONLY ONE MUSING PER MEMBER PER ISSUE! SEND IN YOUR VERIE SIGNERS AT THE SAME TIME.

ON RHODE ISLAND CALL LETTERS

BRUCE A. CONTI - 39 Bayberry Drive - West Warwick, Rhode Island - 02893

A few more newies were heard since my last report in Ernie's sector of DX NEWS. 3/17 DX: Newie, WTTT-1430, Mass. was caught on s/off @ 6pm. Newie WBEC-1420, Mass. was heard on top of WBSM w/NX @ 6:09pm. Another check at 1430 gave me newie WNAV, Md. w/WX @ 6:14pm. 3/19- WABY-1400 N.Y. broke out of the GY mess @ 7:54pm for another newie. MM 3/26- WEAT-850 Fla. became a newie for the log w/NX & WX folo by c/w mx @ 4:05am. 3/27- Another newie, WVAB-1550 Va. came through CBE/WBSC/WXVA just in time for their legal ID @ 6 pm. Six new stations heard in ten days (shooting 60%, hi) makes this the best DX I've had all season! Elsewhere in DX: The word is out that GE is buying out all the Cox stations; I wonder if any changes will be made? The significance behind the call letters of different stations, such as PAUL SWEARINGEN mused of in the 3/19 DX NEWS, is interesting reading material. So for those of you thinking about calls, here's some more stuff. Of course, WPRO-630 is PROvidence, WKFD-1370 is in WicKForD, WERI-1230 is in WEsterly, R.I. & WKRI-1450 covers Kent County, R.I. WARV-1590 is the WARwick Voice. WICE-1290 used to be the broadcast voice of now defunct R.I. ICE Hockey. My award for the best call letters in R.I. goes out to WLKW-990. "L" is the Roman numeral meaning 50. KW is for kilowatt. WLKW operates w/50kw! This is my last report from West Warwick for a while, as I'm moving back to Northeastern University in Boston for the Spring. 73's.

FINE NEW LOGGINGS; DOMESTIC & FOREIGN

CLAY ADAMSON - 35 Liberty Street - East Greenwich, Rhode Island - 02818

Fri. 3/16- WRKO-680 @ 5pm. 3/17- WPOW-1330 N.Y. ET @ 1:35am. R. Suceso-1000 Colombia @ 2:06am. R. Caracas-750 @ 2:23. WHEB-750 N.H. @ 10am. Sun. 3/18- WSB-750 Ga. @ 3am. R. Clarin-860 D.R. @ 3:43. CJBC-860 Ont. @ 5pm. CBH-860 N.S. @ 5pm. MM 3/19- CJBC-860 s/off @ 12:08am (log change). WGSM-740 N.Y. ET @ 1:02am. WKNX-1210 Mich. TEST @ 2:06am. R. Horizonte-540 Colombia @ 2:45am. R. Tequendama-770 Colombia @ 3am. WINS-1010 N.Y. @ 5pm. CFRB-1010 @ 11pm. 3/20- WERI-1230 R.I. @ 5pm. WLFH-1230 N.Y. @ 7:40pm. Wed. 3/21- WARE-1250 Mass. @ 5pm. WKBR-1250 N.H. @ 5:20. WMTR-1250 N.J. 5:56 s/off w/hymn. WTAE-1250 Pa. @ 10:35pm. CBGA-1250 P.Q. @ 11. 3/22- WROL-950 Mass. @ 5:44pm s/off. WPEN-950 Pa. @ 6:15 pm. WIBX-950 N.Y. @ 6:24pm. R. Vision-950 Venezuela @ 8pm. Fri. 3/23- WERI-1450 R.I. @ 5 pm. 3/24- WBCB-1490 Pa. @ 12:46am. "PRN"-1636, the pirate, @ 1:13. WUSS-1490 N.J. @ 12:33 pm. WMRC-1490 Mass. @ 2:05pm. Sun. 3/25- WPOR-1490 Me. @ 12:21am. WOLF-1490 N.Y. @ 2:07am. WNRI-1380 R.I. @ noon. WBNX-1380 @ 9:59pm. WSYB-1380 Vt. @ 10:29pm. WLCY-1380 Fla. in w/ad @ 11:33pm. MM 3/26- WSYB-1380 Vt. end of NBC NX @ 12:05am (log change). WAMS-1380 Del. @ 2. WMLL-1550 Ala. ET @ 2:17am (my hearing or has WMOO changed call letters?) WNSR-1360 Mass. @ 5:45pm s/off. WDRC-1360 Conn. @ 5:38pm. WKBB-1360 Md. 6:15pm s/off. CJVL-1360 P.Q. @ 11pm. 3/27- WFTR-1450 Va. f/c 1:08am. WMOL-1550 end of ET @ 1:27am (is this the WMLL noted above?) WEZE-1260 Mass. @ 5pm. WBNR-1260 N.Y. @ 5:55. WNDR-1260 N.Y. @ 6:05pm. Wed. 3/28- 1230, ET w/TT @ 1:15am, who? WERI-1230 R.I. @ 5pm. WESX-1230 Mass. @ 5pm. 3/29- WICH-1310 Conn. @ 5pm (s/off w/VSSB @ 11:10pm) WGH-1310 Va. @ 11:14pm. WLOB-1310 Me. @ midnight.

MUSES AGAIN AFTER 14 YEARS!

JEFF STOVER - Box 353 - Montrose, Pennsylvania - 18801 3/30/79

I believe that a re-introduction is in order since the last time I Muses was in 1965. It has been a somewhat extended time since I last was an NRCer & DXer (hi). I am 29, married, and live in rural Northeastern Pennsylvania. In fact there are almost as many cows as people up here. My RX is a Hammarlund SP-600 with an 80' LW. Within a couple of weeks I should have a 1,000' NE Beverage set up. Also, if anyone has a loop antenna (SM-2, etc.) for sale please let me know (telephone 717-434-2214), as I desperately need one. Recent DX includes: 3/12- Venezuelan R. Margarita-1020 @ 7:50pm way o/KDKA w/LA music & SS ID. R. Paradise, St. Kitts-1265 in well @ 8:10pm with religious programming, ID & TC @ 8:15. 3/22- WFAD-1490 Vt. with E.F.Hutton report & ID on top of channel @ 6:45pm. 3/23- CJTR-1140 Que. in @ 6:47pm with sports commentary in FF. 3/25- KFI-640, L.A. WX @ 1:11am, also in again the next night. KEMG-740 Okla. ID @ 1:15am w/CBL off. 3/26- XEMO-860 Tijuana, canned religious programs in EE, mention of San Diego & clear ID @ 2:30am. They have to be running more than 5 kw. Also I had an unID SS on 3/26 on 1030 @ 2:35-2:49am. ID's sounded like "R. Cinco" but I also thought I heard a "W-O-S-O" SID in SS. They had a six note station signal chiming in between songs. Was it the Puerto Rican? WBZ came back on @ 2:50am so that was the end of it. I'll try not to wait so long to Muse again. Best 73. (Sounds like "R. Centro", XEQR, Mexico City to me, Jeff. Please double space next time? -ERC)

WE WELCOME ANOTHER NEW MEMBER FROM THE ATOMIC STATE

ED PHILLIPS - 30 Nutt Road - Knollwood Apts. A-3 - Phoenixville, Pennsylvania - 19460

What do ya know! My first Muse (and it's about time). About three weeks ago I picked up my Radio Shack TRF model AM receiver to do some beginning DXing. I'm very pleased with the results so far. Hopefully in the future, I'll be adding an external antenna to bring in more stations, but for the time being, I'll work with what I have. This past week, I sent out verification reports to WARM in Wilkes Barre, Pa., WNAK in Nanticoke, Pa. & WRVA down in Richmond, Va. WARM & WNAK came in real good in the daytime for as small as they are, and of course, WRVA blasts in on 1140 late at night w/mx for the truck drivers. I hope to receive verifications soon. I could have sent reports to other stations, but I felt I didn't have enough information to send out a good report so I'll work on those later. I wish I had more time to DX, but college kind of cuts into the leisure time. By the way, if any Club members or friends of members have any Jackson Armstrong airchecks from when he worked at WKBW, WKTQ in Pittsburgh or any other stations, please write & let me know. I'd be interested in making some trades with you! That's it for now. The next Muse will be coming much sooner!

BACK ON THE MAINLAND AGAIN

GUY KUDLEMYER - 2555 Gateway #35 - Springfield, Oregon - 97477

Howdy. Biggest news at this end is the new address. Honolulu gets along so well without me I thought I'd go to Springfield for a while. The issue of poetry in DX NEWS is obviously pretty stale by now, but I'm not one to take a stand on an issue until I've thought it out completely, pros vs. cons, etc. My opinion is as follows: I fully support the editors' decision to chop it out of the text. It is a waste of time, effort and money to print some amateur poet's two-bit nonsensical prattle an pass it off to those of us who take our DX seriously as DX related items. It serves no purpose other than "filler", and in those instances where there is no room for it, the poetry necessitates another page of copy, thereby driving up membership costs. If I want to read poetry, I'll buy "Amateur Poet Monthly." If I want to read about cars, I'll buy Autoweek, or Car and Driver. But when I pay for a membership in a DX related organization, then, all I want to see in their publication is DX news. I hope that all those members who aren't poets but don't know it will grow up, leave the third grade behind, and join the rest of us who look upon DXing as a hobby, and not something to be made a mockery of. Since leaving Hawaii and returning to Oregon, DX has gone from poor to excellent. Latest catches: KRCO, KTDO, KQEN, KLOO, KHOW, & KRNS, all Oregon; CFAX Victoria, B.C. & KCOK, Tulare, Cal., bringing WC stations heard to 226. I called PETE NOLAN the evening before he was to be at the mike for the KORE TEST, & I think I woke him up, because he dnd't sound any too pleased to hear from me. So, I kept my conversation short & sweet, then, after bothering him, I proceeded to sleep right through my MM DX session, missing the KORE TEST, & everything else besides. Faulty alarm clock was to blame. BILL HARANG, if you want to know what happened to Alan Roycroft, why don't you write to him and ask? Latest Honolulu phone book lists his address as: Alan L. Roycroft - 2877 Kalakaua Avenue, 96815. Maybe that last piece of information was of some help, hi.

THOSE WHO DO THE WORK MAKE THE DECISIONS

RUSS EDMUNDS - Box 127 - Boonton, New Jersey - 07005 3/27/79

Greetings. Y'know it's gotten to the point where the incessant bickering about poetry is as bad as the poetry itself - out of place and out of hand! Some interesting side issues have cropped up, though. I, for one, remember a time when NRC would not print a Muse unless it was directly DX-related or contained DX items. These so-called philosophy Musings are really too much. I tend to resent people I don't know trying to tell me how to run my life. There are other places where that stuff belongs, too. The comments about filler material all seem to lack a clear concept of why filler is necessary & in what quantities. Briefly, no one can tell in advance how much will be needed for a given issue until it gets put together, at which time either something gets held over or filler gets put in. Filler consists of whatever is on hand, is related to the hobby, is of (anticipated) interest to many, and is quick and easy to prepare. It is strictly a last-minute deal in the publication process. While poetry might have to be used as filler, it would have to be at HQ, independent of any Musings for this to happen. That, of course, is academic at present, inasmuch as it isn't going in at all. The issue which I suppose raises my dander the most, as a former Publisher, is that of "taking a vote". To my knowledge, there has never been an officially-sanctioned, binding vote taken on anything in NRC except for Convention sites. Some items have been decided by "concensus" at Conventions, but I can't seem to recall an issue where the Club members there present went against the feelings of the publishers/editors. By the simple fact of its continued success for nearly half a century, NRC has proven that the principle of "those who do the work make the decisions" is eminently workable. It is what has made the NRC what it is, and what has led to numerous "firsts". To my way of thinking, those who edit, publish, etc. are indeed elected by the membership by the simple fact that no one else comes forward who is willing and able to do the work to gain the capacity to make those decisions. When people do come forward and are recognized as having contributed then they have earned the right to participate in decision making. To be sure, it is not the same sort of elections which are conducted in other clubs, but variety is what makes the world go 'round, as they say. In a majority of Clubs, people who rise to the top get there by working for the club, and rising above those who don't. I think our history is the proof of that pudding. No more from here until I've some DX to report!

NOT MUCH DOING

DAVE RUKAKOSKI - R.F.D. 1 - Box 409 - Brooklyn, Connecticut - 06234

My typewriter just died, so I'll have to write this Muse out. DXing has just about died here, too!! Right now, TDH is 586. Mid-March had horrible SSS. On 3/19, & 3/20, WTIC-1080 was running on reduced power because of technical problems. My only DX frequencies are the graveyards, due to horrible CX. On 3/14, I received WATN-1240 @ 5:44pm, WOLF-1490 @ 5:50, & WSOQ-1220 @ 6:02pm, and on 3/21, WENT-1340 @ 6:23am. Not too much more to say, except that I'll be in Allentown, Pa. on the Memorial Day weekend - my sister is graduating from Muhlenberg College. (I spent a week there last Summer, too bad I didn't bring my radio. This time I will.) 73's.

M_O_T_H_B_A_L_L M_E_M_O_R_I_E_S

CHAPTER CX - RADIO PIRACY - ON THE HIGH SEA -by BILL WURTZEL

"Hands off the PIRATE STATIONS, We love the PIRATE STATIONS!" So went the lyrics to a pop song broadcast over Radio London and Radio Caroline in 1966. But England's House of Parliament passed a law making it a criminal offense to ferry supplies to the shipboard stations operating in international waters. I was a U.S. Army serviceman stationed in Mannheim, Germany at the time, and followed the growth of these off-shore stations with glee. Having become a DXer, but not yet in any radio clubs, I always tuned them in and got

(MOTHBALL MEMORIES, con'd.) -ll my fellow GI's to listen to them. The pirate stations had a large audience at night in Germany listening to their rock 'n' roll records complete with commercials. I wrote letters to each station I tuned in, telling them or reception in my area, even giving them advice on how to improve their signals. By carefully selecting open frequencies, the pirates managed to reach out into Europe using only 10 to 75 kw. And what strong signals they had! Radio Scotland came on the air in 1965 from a ship off Glasgow & had a powerhouse signal in Germany for a 20 kw station. In July 1964 as I sailed up the English Channel on the USNS Geiger, I had a cheap radio with me. I remember hearing Radio Atlanta on 1493 kHz. I believe Caroline was on the air on a nearby frequency. About three days before we reached Bremerhaven, Germany, out in the Atlantic Ocean, I recall not getting any station until I dialed by and heard then 350 kw Radio Luxembourg. They are a commercial station in Europe which now uses 1,200 kw. The small lightbulb-powered U.S. pirate stations are nothing compared to the fleet of pirate ship stations operating 12 years ago off England, Scotland, and Holland. Right now there are only two pirate stations left, Radio Caroline & Radio Mi Amigo. It should be interesting to watch the future of pirate radio, not only in Europe, but in other parts of the world during periods of countries' internal crises and in the quest for true freedom of the airwaves! Pirate radio stations are here to stay! Be sure to tune one in today!

NEXT ISSUE: PETE KEMP will tell us more of his Memories, this one entitled "Radio Goes to War!"

HAS INFO ON SOME OF OUR UNID EUROPEANS

DARIO MONFERINI - 8 Davanzati Street - 20158 Milan - Italy

Big CIAO to all from Italy. Personally I am not favorable to the complete cutting of the poetries from Musings & the reason is simply 'cause in the bulletin often I see a lot of strips which often result to me quite mysterious about their exact mind about DXing hobby. If there will be a vote on this matter I will vote for Musing with poetry and the cutting of strips. I really had a bad period here for TAs from the Americas this Winter not a new station noted, but only the usual ones like WINS-1010, WNEW-1130, CFGM-1320, CJYQ-930, ZDK-1100, YVRS-1020. Luckily the new European AM plan started 11/23/78 has been able to offer some interesting new Spaniards: 1260- R. Extremadura & R: Algeciras, 1503- R. Popular el Ferrol, 1134- R. Popular Orense (the last two carry "Galicia de Noche" only Sunday 7pm-9pm). Only one good QSL to show, R. St. Vincent-705 with all details in two years! No more than a hope in 1980 the sun will not become a black ball! Some remarks about TAs in DX NEWS: No. 10, Page 10 your unID, ERC, was R. Puerto, Puerto Cabello, Venezuela. Page 11, 1575 you find East Germany & Italy. No. 22, page 11, MARC DeLORENZO made a little confusion here - 1502 now only with RCA stations, no more Popular here (they are all 1134 & 1224). P. 15- I beg all your comprehension about the report of an Italian listener of VL2NI Norfolk - It was a terrific mistake made by an old man which with a portable Philips RX supposed to hear them....poor man, and poor Italian DXing. No. 15, P. 17, 1314 surely it was R. Centro, Madrid, 20kw, s/on @ 1am. No. 16, P. 8, your unID NEIL KAZAROOS, should be really La Voz del Pricipado de Asturias, which during the Christmas period operates 24 hours. Usually they s/off@ 7pm. P. 9, 1521 @ 4:35pm, here I hear weak under Prague, R. Duba Saudi Arabia, 2000 kw, but if it is weak here... Finally, No. 21, P. 8, sorry CHUCK HUTTON but you are wrong - over 1476 operates several Spaniards!!! However no idea about the unID of MARK CONNELLY @ 11:56pm. It sounds a bit early for any of them. I wish to thank ERC for having come back in the Musings scene. Well, if any among you have problems with IDs of TAs, write me a letter or better Muse & I will tell you my opinion, writing another Muse. 73 to all. (Grazia, Dario! -ERC)

AT LAST SOME VERIES

ERNEST R. COOPER - 5 Anthony Street - Provindetown, Massachusetts - 02657 617-487-9337

Ole! Four veries found their way into this shack: WFIR-960, KUKU-1339-TEST, v/ls, a v/l-SS from R. Guatapuri-740, Colombia, & a v/q from WBOL-950 on a tip of v/s from STAN MORSS, who (confidentially now!) had their v/q's printed for them! Just my final word on poetry etc. - I too do a lot of work for the NRC & feel I should have some say about this section, and I want to see the poetry return, if that's what the Muser might want to submit, including myself. Thanks to BILL WURTZEL, BILL COLEMAN, TOM FARMERIE, MARK STRICKERT & DAVE SCHMIDT for their recent phone calls. DX: 3/17- CBJ-1580 w/tremendous signal; they must be using their 50kw now. TTs on 1380 & 1340 before 1am. Another Colombian on the R. Suceso chain on 1220 @ 2:27. I sent a report to WBOL-950 after listening to three hours of their every Saturday Irish music show, 2-5pm (it runs from 10:30 to 5!) 3/18- Maritime-area stations were solid at SSO, like CBI-CBZ-CBY-CBT-CBN-CBNM-CKBW. WESX-1230, semi-local, still s/off Sundays @ 6:15pm w/SSB. MM 3/19- No WHNE-1350 AN, possible bit of WRWH's r/c-TT which ended @ 12:05. WMCA-570 off today. Report to R. Peninsula-825, with no sign of usual Costa Rican. TTers on 1380 again, & 1230 & unn WYJZ-860 ET/rr @ 2:53. 3/20- WTIC off today, also WRKO. Larry King Show picks up WBCQ-910 Hartford, & drops WPOP who now has the Barry Farber Show AN (1410), & KAAM-1310, & the brand new WNIS-1350, Portsmouth, Va. starting 4/3/79. It makes quite an echo effect here with WHWH & WNIS carrying the same show. UnID-610 w/TT 1:38-1:46. 3/21- UnID TT on 1570, 1:23-1:38. 3/22- Sweep tones on 1240, unID, 2:00-3:01 & on. 3/25- Gale winds here, 1580 had a TT again today all AM. CIGO-1410 atop @ 2am. TTer on 1550 IDed @ 2:06, I heard Tennessee & 1,000w mentioned through that glorious flack from WPTR-1540. MM 3/26- Some on CFLP-1230, FFC in net with CKLD-1330 etc. around 1, but it soon faded down. Unn WMOO-1550 ETing again. Brazil-860 is playing lots of u.S. disco these days - check this channel out Mon-Fri when Clarin is off - they have excellent volume here. 3/27- No sign of WBIO-1310 r/c-TEST; WCHE-1520 made it u/WKBW. 3/28- WXVA-1550, unn, ending ET @ 1:21. Unn WMOU-1230 is AN weekdays, probably AN-6, off MM, heard today, also mentioning FM WXLQ. UnID TT on 900 @ 1:33-1:38. 3/29- UnID TT-1550 12:55-1:04 o/unID Colombian. 3/30- WHDH-850's AN host was talking to a man at WATN-1240 where a DJ had been going for 300 consecutive hours on the air & was still at it, with WATN temporarily running AN. OK, C U N 21 - y'all Muse!

NRC REPRINT LIST

PAST ARTICLES FROM DX NEWS

APRIL, 1979 - SUPERCEDES ALL PREVIOUS LISTS AND ORDER FORMS WHICH SHOULD NOT BE USED.

ANTENNAS

A1 HIGH PRECISION DIRECTION FINDING ON THE BCB, PARTS I & II. G. P. Nelson. Part I uses Maxwell's equations to derive the equations describing MW direction finding with a loop. Part II is a non-technical discussion of how a loop antenna operates and how to get the most out of a loop.

A2 A ZERO SHARPENING DEVICE FOR A BCB LOOP. T. Holmes. If you're having trouble obtaining sharp nulls with a standard loop, this simple device may help. The 1965 forerunner of the Pattern Controlled Loop.

A3 A VERSATILE LONGWIRE ANTENNA COUPLER, R. Foxworth. How to get the maximum amount of signal from your longwire.

A4 ROLL YOUR OWN (LOOP THAT IS...), D. Fischer. Loop won't tune the entire band? This article describes what's wrong and how to cure it.

A5 LOOP DISTORTION: WHY GET SKEWED? G.P. Nelson. Discusses origin on distorted loop patterns. Unique technical material not available elsewhere; a must for those interested in designing MW loop antennas.

A6 PATTERN CONTROLLED LOOPS, PARTS I & II. G.P. Nelson. Introduction to the theory and practise of pattern controlled and cardiod loops for the MW DXer.

A7 THE FLORIDA BEVERAGE, J. Conrad. Jerry describes the fantastic results with a Beverage antenna and compares it with others he has used.

A8 THE CARE AND FEEDING OF A WAVE ANTENNA, J. Starr. Practical construction hints for a Beverage antenna.

A9 DOWN TO EARTH GROUNDS, G.P. Nelson. Hints on making low resistance ground connections for terminating a Beverage antenna.

A10 A CALIFORNIA BEVERAGE, Fr. Jack Pejza. Another article describing the spectacular results obtained with a Beverage.

A11 THE SUPER SIGNAL SNATCHER, D. Fischer. Article describes the theory of the Beverage antenna. Includes equations, tables, many diagrams.

A12 THE VERTICAL PICKUP PATTERN OF THE MW LOOP ANTENNA, G.P. Nelson. Helpful information for those doing horizon blockage experiments with a loop antenna.

A13 USING TWO ANTENNAS TO GENERATE ASYMMETRICAL RECEIVING PATTERN. M. Levintow. Shows and describes a simple way to skew your loop's pattern to effect a null that will permit reception of a station impossible to receive on a figure 8 loop antenna by itself. Reading of of reprints A5 and A6 are a requirement for understanding this technique.

A14 A NEW MEDICAL BREAKTHROUGH FOR LONGWAVE TA'S, C. Clayton. Instructions on how to build an inexpensive loop antenna for LW.

A15 REVIEW OF THE DYMEK DA-3 ANTENNA, Pete Taylor, with notes by R. J. Edmunds. Evaluates this recent development in MW antennas and its application to MW DXing.

A16 MORE ON BEVERAGE ANTENNAS, Wes Boyd. An update on Beverage antenna theory and application.

A17 AN FET LOOP PREAMPLIFIER WITH COAXIAL OUTPUT, James Hagan. This article describes a highly effective balancing amplifier for the air core loop, useable with unbalanced receiver inputs, and featuring power tapped from the receiver and switchable attenuation controls to prevent overloading.

A18 A WHIP ANTENNA COUPLER FOR USE WITH PORTABLE RECEIVERS, J. Hagan. A simple construction project to inductively couple a whip antenna to the internal ferrite rod in many portable multiband receivers.

A19 NEBE: THE NEBRASKA BEVERAGE, D. Fischer, C. Dabelstein, R. Mitchell. A discussion of the Nebraska Beverage and the results of its use.

A20 THE LSCA-1. Ron Schatz. Complete construction plans for building the Loop Sense Cardioid Array. NOT A PROJECT FOR BEGINNERS! This antenna system is complex to build and operate. Should yield a unidirectional receiving pattern if operated properly.

A21 A GOOD LOOP IS EASY (AND CHEAP) TO MAKE, J. Tull. Construction plans with photographs for a simple loop amplifier system.

A22 THE WEDGE ANTENNA. C. Wolff. Plans for construction of a revolutionary alternative to the 4-ft. box loop for those with limited space.

A23 A STURDY AND EFFECTIVE FLOOR STAND MOUNTING ARRANGEMENT FOR LOOP ANTENNAS. M. Maloney. Article on mounting air core loop antennas.

A24 A LARGE APERTURE FERRITE CORE LOOP ANTENNA FOR LONG AND MW RECEPTION, J. Hagan. Details and theory for the construction of this new type of DX antenna.

A25 A NOVEL APPROACH TO BUILDING YOUR OWN BCB LOOP, M. Maloney. New ideas for improvements in ease of operation and sturdiness of loop antennas.

A26 AN AC POWER SUPPLY FOR THE FET LOOP AMPLIFIER, J. Hagan, R. Edmunds. Tired of the high expense and short lifespan of batteries for your amplified loop? Here is a simple plan, complete with schematic, to adapt your loop amp to wall current.

A27 SOME THOUGHTS/MORE THOUGHTS ON BEVERAGE ANTENNAS. J. Clements and C. Hutton. Originally two articles, this report gives some valuable additional thoughts on construction and use of the Beverage antenna. Goes well with A7, A10, A11 and A16.

A28 ANALYSIS OF THE BEVERAGE ANTENNA. C. Hutton. This lengthy article is divided into two parts; the first giving basic theory of the Beverage antenna and the second dealing with two wire phased antennas. Filled with calculations and features 35 illustrations.

A29 HARLEY LOOP ANTENNA, Harley Steward. This 18-turn spiral loop is very directional. A detailed drawing and construction hints are given.

A30 REMOTELY TUNED DIRECTIONAL LOOP ANTENNA, E. L. Cummins. This article shows how limitations of a very poor "shack", in this case a mobile home, can be overcome by use of an outdoor, remotely controlled, loop antenna. Mr. Cummins gives many practical points for others wishing to experiment with remote antenna installations.

A31 SIMPLE CHEAP AND EFFECTIVE PRESELECTOR-LONGWIRE TUNER-AMP, B. Sherwood. This constuction project will result in a device which not only will tune your longwire, but will amplify the signal as well. Schematic and brief instructions are given.

SEND REPRINT ORDERS AND PUBLICATIONS ORDERS TO NRC PUBLICATIONS CENTER, P.O. BOX 401, GALES FERRY, CT 06335.

RECEIVING EQUIPMENT AND TECHNIQUES

R1 SPURIOUS SIGNALS AND SPURIOUS SIGNALS REVISTED, R.J. Edmunds and G.P. Nelson. Many DXers hear stations on frequencies where they don't belong. Article describes causes and cures of spurious MW signals. Especially valuable if you have powerful locals nearby.

R2 SINGLE SIDEBAND RECEPTION ON THE BCB WITH MECHANICAL FILTERS, G. P. Nelson. Few commercial receivers covering the MW band have adequate selectivity to cope with MW interference--particularly in the presence of powerful local stations. Explains how to fit mechanical filters to an existing receiver for the ultimate in adjacent channel rejection.. This technique is widely used by many top MW DXers.

R3 SUBAUDIBLE HETERODYNES ON THE MW BCB, G.P. Nelson. Details on a technique which permits the MW DXer to detect and characterize signals too weak to hear at the time; also allows the DXer to count the number of stations on a channel; even if no programing is audible and permits direction finding on channels with several stations present.

R4 MODIFYING THE TRF. A compilation of five articles for improving this fine portable receiver. Included are "Modifying the Realistic TRF to 10 kHz Readout" and "Additional Tips for 10 kHz Readout" by Charles Barfield and Gerry Thomas. "A Real External Antenna Jack for the TRF" by C. Bobbitt and "Modifying the TRF for SM-1 Use" by B. Sherwood are included as is "Tilting T-Bar Antenna Tuner for the TRF".

R5 THE TRACKING PROBLEM AND HOW TO CURE IT, G.P. Nelson and T. Holmes. Many excellent receivers are poorly designed for MW DX operation; this article describes one of the most common design faults and how to cure it. Very useful if you have strong locals.

R6 ELECTRONIC VERNIER TUNING, R. Moore. Detailed instructions on how to fit a varactor to a MW receiver to provide fine bandspread.

R7 MECHANICAL FILTERS FOR THE HQ-180, J. Starr. Complete details on the conversion of the popular Hammarlund HQ-180A receiver to mechanical filter operation. Order with R2.

R8 REDOING OLDER RECEIVERS, C. Hutton. The author explains how he took a $50 HQ-129X receiver and "re-juvenated" it to compare favorably with a Collins R-390 or R-388. An electronics background is helpful in implementing this article.

R9 RECEIVER/ACCESSORY INTERFACES MADE SIMPLE AND CHEAP, R.J. Edmunds. A discussion of methods of interconnecting DX equipment.

R10 UP THE CARRIER, W. Bailey. Dig the weak DX out of the mud with this form of exalted carrier reception.

R11 PRECISION FREQUENCY MEASUREMENT, R. Schatz. How to use the frequency counter, an instrument now within the budget of the average serious DXer.

R12 THE FMS-3 FREQUENCY MARKER STANDARD, R. Foxworth. A review of operation, how to make the proper connection to the receiver, and some modifications incorporated by the author to permit full use of the unit's capabilities.

R13 SINGLE SIDEBAND RECEIVING ADAPTERS, T. Sundstrom. How to sharpen your receiver's IF bandpass using a B&W #370 receiving adaptor.

R14 REVIEW OF THE AUTEK Q-BOX, T. Sundstrom. Describes the uses of this new noise filtering device and its applications in MW DX.

R15 REVIEW OF THE HEATH SB-620 SPECTRUM ANALYZER, R. Foxworth. A comprehensive and detailed analysis of the unit's operation and uses as related to MW DXing.

R16 THE WORCESTER LONG DISTANCE AM RECEIVER, J. Worcester. A stage by stage description of the construction, theory and circuitry of a new type of AM DX receiver.

R17 BUILD YOUR OWN AUDIO FILTERS, P. Sullivan. A somewhat technical theory and construction article on inexpensive homebrew audio filters for the DXer.

R18 THE RUSTRAK R-88 RECORDER, R. Schatz. Explains operation and use of this versatile chart recording marker and its applications to the study of propagation in MW DXing, and gaining insights into potential loggings.

R19 A BRIEF REVIEW OF THE AUTEK QF-1 AUDIO FILTER, C. Hutton. A non-technical review of this new noise and interference filter.

R20 A FREQUENCY COUNTER FOR RECEIVER TUNING, R. Foxworth. A very thorough paper on digital readouts and what to look for in various models. Discusses technical theory and provides circuitry to enable the experimenter to build a counter for use as a "digital dial". Very thorough.

R21 FURTHER RECEIVER HOT RODDING HINTS, C. Hutton. Tells what you can do to further improve the performance of even the best commercial receivers, and some problems with the older receivers being used.

R22 THE LYONODYNE CRYSTAL WIRELESS RECEIVER, R.W. Tuggle. The concepts of vintage crystal radio are incorporated in these detailed construction plans for a simple receiver, offered as a "sporting" alternative to modern receivers; yet it has the potential for real DX.

R23 DIVERSITY RECEPTION, C. Hutton. Using more than one antenna and receiver in an effort to reduce fading and interference of one frequency. This article deals briefly yet concisely with the basics of "DR" and how it can be applied to Medium Wave DX.

R24 TIPS ON REMOTE TAPING, R.J. Edmunds. Are you going away during that rare DX test? This article explains several methods you can use to turn your receiver and recorder on while you are otherwise occupied. Useful with R9 and A26.

DOMESTIC DX

D1 1570-1580 STATION LOCATION MAPS. Two maps pinpointing the location of all domestic stations operating on these two superb sunrise/sunset skip channels. A valuable aid to the sunrise/sunset DXer.

D2 IT TAKES TWO TO VERIFY, PLUS HELPFUL HINTS, J. Murley and R. Schiller, respectively. If you are unhappy with your domestic QSL returns, read this article on the station's attitude toward reception reports. Also, veteran DXer Ron Schiller gives tips on increasing your returns.

D3 CANADA'S WILDERNESS RADIO: THE LPRT, P. Taylor. In depth study of those 20 and 40 watt Canadian stations that you hear, but don't understand. A must for the domestic DXer.

D4 WHAT IS A PRE-SUNRISE AUTHORIZATION? R.J. Edmunds. Some U.S. stations are authorized to operate with powers such as 14.3 watts during certain hours; this article explains why.

D5 LONG DISTANCE RECEPTION OF DX TESTS, F. Dailey. Are you thinking about asking a station to do a DX test? Here are some proven techniques, that if used by the station, could make it easier for DXers to hear the test. A must for novice CPC members.

D9 THE NSP SITUATION, J. Starr. A look at this problem from the broadcasters' side of the fence.

D10 DX FROM THE TWILIGHT ZONE, P. Sullivan. For various reasons some stations are audible at sunrise and sunset only. This article tells the reasons.

D11 GRAVEYARD DX, R. Foxworth, with addition by M. Levintow. This article tells you how to DX those cluttered local channels and get results.

D12 CANADIAN FAMILY LIFE...IT'S TWINS. Many radio station "families" exist in Canada. This article explains why and gives station groupings as of November 1, 1978. Not only are low-power relay transmitters listed, but other stations with better DX potential.

D13 THE CANADIAN AUDIO NETWORKS, Brian Vernon. This article explains the origin of Canadian audio networks and gives insights into identifying stations belonging to the networks.

STATION LISTS

L1 FREQUENCY CHECK LIST, Joe Fela. Many U.S. stations run equipment tests at regular intervals and times; this is a listing of frequency checks that will permit many new loggings. Updated yearly.

L2 THE BANANA LIST, R.F. Schatz. A breakdown of stations in the San Pedro Sula and Tegucigalpa, Honduras areas as of January, 1978.

L4 NON-DIRECTIONAL AERONAUTICAL BEACONS, D. Davis. An explanation of the types of beacons found in and near the MW band, plus updated listing of aeronautical beacons.

L6 A SURVEY OF LA SPLINTS, C. Hutton. A list of all Latin American stations presently operating on split frequencies. Updated yearly.

FOREIGN DX

F1 ITU FREQUENCY PLAN - EUROPE, AFRICA, ASIA. D. Monferini & A. Merriman. Allocations assigned effective November, 1978.

F2 ASIA AND PACIFIC DRAFT FREQUENCY PLAN, N.Z. DX Times. List includes Australia, New Zealand, Japan and east Asia.

F3 PORTUGESE FOR DX'ERS, R. Schatz. Describes the important and unusual features of this language; a must if you DX Brazil.

F5 HUNTING THE LATINS BY MUSIC, R. Schatz. Describes types of LA music indigenous to various countries and tells how to ID LA's using this information.

F11 ITU FREQUENCY ALLOCATIONS AND THEIR IMPACT ON TA DX'ING. M. Connelly. Trying for TA's on their new frequencies? What are your chances of logging a specific station? All region 1 MW frequencies are listed and what should be heard under good conditions. Goes with F1.

F12 COMMON SENSE T.A. DX STRATEGY, M. Connelly. Practical hints are given for newer DXers to hear Trans-Atlantic stations.

MISCELLANEOUS ARTICLES

M1 LOCAL SIDEBAND SPLASH: HOW MUCH IS TOO MUCH? G.P. Nelson. Many DXers complain about certain local stations overmodulating and producing large amounts of interference. Article describes FCC regulations on sideband radiation on the MW band and types of station originated spurious radiation.

M2 MODULATION ARCING, J. Starr. Describes a frequent but rarely discussed cause of MW interference originating at the station that can wreak havoc on the MW band.

M3 SUNRISE-SUNSET TABLES, G.P. Nelson. These charts permit the DXer to determine accurate time of sunset and sunrise at any point in the world on any particular day. Very useful for international DXers.

M4 QUASIMONTHLY PATTERNS IN ATYPICAL MW DX RECEPTION, G.P. Nelson. A large body of data on TA reception gathered by R. Wood in England. Information is analyzed in an attempt to disprove the Lunar Phase Theory.

M5 UNRESTRICTED RADIATION, G.P. Nelson. Discussion of carrier current stations and how to hear them.

M6 RF POLLUTION, G. Hauser. General discussion of the radio interference problem and steps necessary to control it.

M7 PATTERNS, PARTS I, IIa AND IIb. P. Hart. An understanding of the directional patterns used by North American MW stations is vital for the active domestic DXer. This series of articles explains in authoritative detail what patterns mean and how the DXer can fatten his log by understanding them.

M8 PRECISION FREQUENCY ANALYSIS, R. Schatz with notes by R. J. Edmunds. A discussion of the technique of analysing the characteristics of a station's frequency over the long term as an aid to the identification or elimination of stations as possible DX catches at any given time.

M9 MORE ON HOW DIRECTIONAL ANTENNA PATTERNS ARE PRODUCED, Wes Boyd. Supplementary information to the articles contained in the current edition of the NRC Night Pattern Book.

M10 SUPERMODULATION AND EFFECTS ON DX'ING, Steve Kennedy. Discusses why there is overmodulation and how this problem will affect the DXing hobby for some time to come.

PROPAGATION

P1 MEDIUM WAVE SIGNAL PATHS, PARTS I, II, III AND IV, G.P. Nelson. Discusses Great Circle Paths, seasonal absorption pattern, auroral effects and the Midwinter Anomaly.

P2 SOLAR CONTROL OF DAWN E BLANKETING ON THE MW BCB, G.P. Nelson. Explains how the position of the sun controls the fadeout time of transatlantic and transpacific stations.

P3 EAST-WEST SYMMETRY AND THE FADE-IN PROBLEM, G.P. Nelson. Explains how the sun controls the fade-in times for MW stations.

P4 SUMMER RECEPTION ON THE BROADCAST BAND, G.P. Nelson. First article describing the seasonal patterns in solar terminator location which makes summer MW reception from deep South America and Africa possible.

P5 METEOROLOGICAL EFFECTS ON MW GROUNDWAVE RECEPTION, R.J. Edmunds. Short term variations in groundwave propagation at MW frequencies and their relationship to weather conditions is discussed.

P6 AURORAL EFFECTS AND THE 1969 TRANSATLANTIC LISTENING TEST, G.P. Nelson. Brief simple description of how the geomagnetic and auroral phenomena control TA reception from various stations. Best general introduction to MW auroral effects.

P7 THE AURORA OF NOVEMBER 6-9, 1970, G.P. Nelson. Traces a classic MW auroral attack from its origins on the sun to its effects on MW reception.

P8 COMPARATIVE MEASUREMENTS OF GEOMAGNETIC INDICES, R.J. Edmunds. The author compares on a daily basis for three months the various A-index measurements as reported by several major observatories. He tells how the indices are related to each other.

P9 SKYWAVE OR GROUNDWAVE RECEPTION? G.P. Nelson. How to tell whether the signal from a station you are listening to is arriving via groundwave or skywave or both.

P10 A BEGINNER'S GUIDE TO THE IONOSPHERE, Fr. J. Pejza. Radio wave propagation is influenced greatly by the conditions in the ionosphere. This article explains the processes which change the ionosphere and the effects of these changes on radio waves.

P11 THE LIMITS OF MIDDAY MW DX. G.P. Nelson. Comprehensive article describing the factors which influence radio wave propagation and reception during the late morning and early afternoon hours.

P12 LIMITATIONS IN THE USE OF THE A-INDEX, G.P. Nelson. While the A-index is a valuable tool for MW DXers, it is easily misinterpreted. This article shows why.

P13 BCB RECEPTION DURING PERIODS OF HIGH AURORAL ACTIVITY, G.P. Nelson. Describes the author's research into the effects of the aurora on MW propagation.

P14 SKYLINE BLOCKAGE, Fr. J. Pejza. Mathematical derivation of the formulas needed to calculate the effect which terrain has on signals.

P15 SKYLINE BLOCKAGE, SOURCES OF UNCERTAINTY, G.P. Nelson. Takes into account the possibility of signal propagation by some less common modes which are subject to blocking by the horizon.

P16 HORIZON BLOCKAGE: CAN FRESNEL DIFFRACTION BE IGNORED? G.P. Nelson. No, it can't!! This article shows how signals that should be blocked by the horizon can sometimes be heard.

P17 TRANSPOLAR DX RECEPTION, R.J. Edmunds. Are you looking for Asian DX more exotic than Urumchi-1525? This technical article relates to the transpolar reception of central and eastern Asiatic stations at sunset in North America.

P18 OBSERVATIONS OF TRANSATLANTIC MEDIUM WAVE RADIO SIGNALS, C.W. Bailey. The results of a lengthy survey to TA receptions made over a one year period.

P19 PROPAGATION AT MEDIUM WAVE FREQUENCIES, P. Sullivan. Discusses some aspects of the factors which control signal reception on the MW.

P20 FACTORS OF MEDIUM WAVE PROPAGATION, F. Dinning. Further discussion of the nature of MW propagation.

P21 DOMESTIC PROPAGATION-ANSWERS TO FREQUENTLY ASKED QUESTIONS, R.J. Edmunds. A brief discussion on some of the propagational factors that affect domestic reception.

P22 REVIEW OF SOLAR ACTIVITY FOR THE MEDIUM-WAVE DX'ER, R. J. Edmunds. A concise explanation of the Fredericksburg A-index as well as its use in the hobby is given in this article. Goes with P1, P6, P7, P10, P12, P13, P19 and P20.

P23 MEDIUM WAVE IONOSPHERIC PROPAGATION, R. Schatz. This article takes a different approach to propagation and presents new terms and theory. It is designed as an introduction to P24.

P24 TERMINATOR TRANSIT MECHANIX, R. Schatz. Parts I and II of a series which the author states features practical techniques to hear new stations; techniques never before available.

RECEIVER REVIEWS

RR1 RECEIVER COMPARISONS-WHAT DO THEY MEAN? R.J. Edmunds. Certain problems arise when comparing product summaries and receiver reviews. The author explores these comparisons with an emphasis on MW DX.

RR2 QUALITATIVE REVIEW OF THE YAESU FRG-7 RECEIVER, G. Hauser. A detailed non-technical review of this popular communications receiver.

RR3 A REVIEW OF THE SONY ICF-5900W, Dan K. Phillips. A review and comparison with other portable receivers. Also deals with SW and FM sections of the unit.

RR4 HEATH GR-78. R. Schatz.

RR5 BARLOW-WADLEY XCR-30. M. Hardester.

RR6 A REVIEW OF THE PANASONIC RF-2200, Michael Sapp. A non-technical comparison of the RF-2200 with the Sony ICF-5900 and Realistic TRF.

RR7 A NON-TECHNICAL REVIEW OF THE WORCESTER LONG DISTANCE RECEIVER, Jerry Starr. A user's critical commentary of this revolutionary receiver. Note: This receiver is not readily available to the average DXer as it was built in limited quantities.

RR8 MCKAY-DYMEK DR-22, J. Clements. A detailed, non-technical pre-production review of one of the "new breed" of receivers; mentions features, performance and how it measures up to receivers now in use.

RR9 PANASONIC RF-4800 REVIEW, Grant Manning. Article evaluates the overall performance of this multiband receiver. Includes schematic and the technical specifications provided by Panasonic.

RR10 HQ-180 SERIES RECEIVERS, Dallas Lankford. Reviews technical details and includes personal comments on the popular Hammarlund HQ-180 receivers. An ideal supplement to the NRC Receiver Manual.

RR11 SONY TR-6500 VS. THE TRF, Charles Barfield and Gerry Thomas. Thinking of buying either of these popular inexpensive receivers? This reprint compares them side-by-side and gives impressions.

RR12 GENERAL ELECTRIC'S SUPERADIO, Gerry Thomas and Charles Barfield. A detailed review of this new portable AM/FM receiver, compared side-by-side with the Radio Shack Realistic TRF.

RR13 RADIO SHACK DX-300--A SHORT REVIEW, W. Heinen. Very brief review, non-technical, from the MW DXer's viewpoint.

PRODUCT SUMMARY

PS1 DRAKE SSR-1 RECEIVER, R. Foxworth.

UPDATERS TO THE NRC LOG AND PATTERN BOOK

UDL A year's set of updaters to the NRC Domestic Log is available to members for a flat fee of $1; to non-members $2.*

UPB A year's set of updaters to the NRC Night Pattern Book, available to members for $1; to non-members $2.*

*Inquiries as to availability are advised.

SUNRISE/SUNSET MAPS

SSM A set of 12 maps (8½ x 11) with instruction sheet showing the monthly average sunrise/sunset times for the United States. An invaluable aid to the sunrise or sunset DXer. $2 to all.

BROADCASTERS GUIDE TO DX

GUIDE A tri-folded guide for use with reception reports explaining DXing, how the NRC was formed and the importance of QSLs to DXers. 25 for $1.

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This spiral-bound volume contains listings of all U.S. and Canadian A.M. stations including locations, addresses, powers, antenna operations, networks, schedules and other useful information. Cost is $6.50 to members and $7.50 to non-members. (New edition Oct. 1978)

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This spiral-bound volume features the nighttime directional antenna patterns of Canadian and U.S. stations on map pages of 8½ x 14 inches. These patterns are drawn to scale from official government sources. Commercial publications of this sort cost more than ten times as much for this most valuable DX reference. Cost to members is $6.50 postpaid and $7.50 to non-members. (Reprinted 1977)

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This manual is a compilation of numerous articles on the subject of antennas for MW DXers which have appeared in the pages of DX News over the past several years in one handy volume. Includes data on air- and ferrite-core loops, antenna tuners for longwires, and beverage antennas, along with coupling devices. 5½ x 8½ booklet format. $2.50 in the U.S. and Canada.

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This booklet is designed to assist the novice DXer in pursuit of the hobby. It includes introductory articles on foreign and domestic DXing as well as related topics. Included are articles on reception reports and safety and preventive maintenance of your DX gear. All members who pay the New Member Fee automatically receive a copy of this booklet. For non-members the cost is $1.25 in the U.S. and Canada.

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This manual is similar to the manual on antennas, except that the subject is DX receivers. It includes useful articles on receiver modifications and accessories, and reviews of many of the commonly used MW DX receivers currently available. A must for the serious DXer/Experimenter. 5½ x 8½ booklet format. $2.50 in the U.S. and Canada.

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NRC STAFF

HEADQUARTERS - P.O. Box 32125 - Louisville, KY 40232
Louisville Publishing Committee: Ted Fleischaker (Editor) 502-451-5558, Dick Truax (Treasurer), Pat Hartlage (Secretary) 502-491-1789, Gary Atkins (Bulletin Manager), Wayne Murphy (Club Accountant)

MEMBERSHIP CENTER - P.O. Box 118 - Poquonock, CT 06064
Ron Musco (Membership Officer)

PUBLICATIONS CENTER - P.O. Box 401 - Gales Ferry, CT 06335
Frank Dailey (Publications Officer), Ken Chatterton and Karl Jeter

EDITORS OF NON-WEEKLY COLUMNS:
AM Switch: John D. Bowker, 14 Canoe Brook Dr., Princeton Junction, NJ 08550; Contests: John Kromka, P.O. Box 86, Montville, NJ 07045; Domestic DX Achievements: Don Erickson, 6059 Essex St., Riverside, CA 92504; DXChange: Russ Edmunds, P.O. Box 127, Boonton, NJ 07005; Graveyard DX Achievements: Bill Hale, 1451-B Faith Dr., Rantoul, IL 61866; International DX Achievements/Awards: Norm Maguire, 6105 Del Campo, NE, Albuquerque, NM 87109; Questions and Answers: H. John Clements, 9010 Tobias, #258, Panorama City, CA 91402; Verification Game: Ron Schiller, 7657 La Balsa Drive, Dallas, TX 75248

OTHER STAFF:
Courtesy Programs Committee Chairman: Jerry Starr, c/o WSRD Radio, Youngstown, OH 44505; Domestic Log Updaters: John Callarman, 1122 Maple, Mt. Vernon, IL 62864; Flash Alert Service: Dan Myers, 4148 Royer Dr., Northwood, OH 43619, 419-693-5859; Frequency Check List: Joe Fela, Jr., 150 Robert Place, South Plainfield, NJ 07080

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